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M A T E R I A L S A F E T Y D A T A S H E E T -
DETERGENT SCREEN 1 - HR2-410

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-01
NAME: C12E9

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 9002-92-0
MF: C30H62O10

SYNONYMS

NONAETHYLENEGLYCOL MONO-N-DODECYL ETHER

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.
CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER IN A +4C REFRIGERATOR.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC GASES INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLenty OF WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -
CATALOG #: HR2-410-02
NAME: C12E8

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
CAS #: 3055-98-9
MF: C28H58O9

SYNONYMS
OCTAETHYLENEGLYCOL MONO-N-DODECYL ETHER

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING

CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER IN A +4C REFRIGERATOR.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR
WHITE SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES
NONE
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
MAY EMIT TOXIC GASES INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-
RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
R41: RISK OF SERIOUS DAMAGE TO EYES.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-03
NAME: N-DODECYL-B-D-MALTOSE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 69227-93-6
MF: C24H46O11

SYNONYMS

n-Dodecyl-beta-D-maltopyranoside; n-Dodecyl 4-O-alpha-D-glucopyranosyl-beta-D-glucopyranoside

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
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REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR

WHITE CRYSTALLINE POWDER

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

NONE

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

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DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

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SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

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RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION - - - - -

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -
 CATALOG #: HR2-410-04
 NAME: SUCROSE MONOLAURATE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
 CAS #: 25339-99-5
 MF: C24H44O12

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
 MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
 AND
 THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -
 IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
 AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
 CONTAMINATED
 CLOTHING AND SHOES.
 IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
 RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
 IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
 CONSCIOUS.
 CALL A PHYSICIAN IMMEDIATELY.
 WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
 EXTINGUISHING MEDIA
 DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
 POLYMER FOAM.
 USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
 SPECIAL FIREFIGHTING PROCEDURES
 WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
 PREVENT CONTACT WITH SKIN AND EYES.
 UNUSUAL FIRE AND EXPLOSIONS HAZARDS
 EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
 EVACUATE AREA.
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 RUBBER GLOVES.
 WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
 SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
 AVOID RAISING DUST.
 VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
 COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
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 REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
 WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
 GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
 SAFETY SHOWER AND EYE BATH.
 DO NOT BREATHE DUST.
 DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
 AVOID ALL CONTACT.
 WASH THOROUGHLY AFTER HANDLING.
 IRRITANT.
 KEEP TIGHTLY CLOSED.
 STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR
 WHITE CRYSTALLINE POWDER
 SECTION 10. - - - - - - - - -STABILITY AND REACTIVITY - - - - - - - - -
 INCOMPATIBILITIES
 NONE
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
 MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.
 SECTION 11. - - - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - - - -
 TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
 RTECS #: NONE
 SECTION 12. - - - - - - - - - ECOLOGICAL INFORMATION - - - - - - - - -
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 DATA NOT YET AVAILABLE.
 SECTION 13. - - - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - - - -
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 RISK PHRASES:
 R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

 SAFETY PHRASES:
 S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
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 SECTION 16. - - - - - - - - - OTHER INFORMATION- - - - - - - - -
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DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-05
NAME: CYMAL-6

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C24H44O11
SYNONYMS
N-CYCLOHEXYL-HEXYL-B-D-MALTOSE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR
WHITE CRYSTALLINE POWDER

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES
NONE
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
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RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
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DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADIVCE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-06
NAME: TRITON X-100

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 9002-93-1
SYNONYMS

POLYETHYLENE GLYCOL-P-ISOOCTYLPEHRNYL ETHER

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

LIQUID

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADIVCE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-07
NAME: HEXADECYLTRIMETHYLAMMONIUM BROMIDE*

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 57-09-0
MF: C19H42BRN
EC NO: 200-311-3

SYNONYMS

ACETOQUAT CTAB * BROMAT * CENTIMIDE * CETAROL * CETRIMONIUM BROMIDE
*
CETYLTRIMETHYLAMMONIUM BROMIDE * N-CETYLTRIMETHYLAMMONIUM BROMIDE *
CIRRASOL-OD * CTAB * CYCLOTON V * 1-HEXADECANAMINIUM, N,N,N-
TRIMETHYL-
, BROMIDE * HEXADECYLTRIMETHYLAMMONIUM BROMIDE * N-HEXADECYL-N,N,N-
TRIMETHYLAMMONIUM BROMIDE * (1-HEXADECYL)TRIMETHYLAMMONIUM BROMIDE
*
LAUROSEPTOL * LISSOLAMINE * LISSOLAMINE A * MICOL *
PALMITYLTRIMETHYL
AMMONIUM BROMIDE * POLLACID * QUAMONIUM * SOFTEX KW *
TRIMETHYLCETYLAMMONIUM BROMIDE * N,N,N-TRIMETHYL-1-HEXADECANAMINIUM

BROMIDE * TRIMETHYLHEXADECYLAMMONIUM BROMIDE *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS

TOXIC (USA)
HARMFUL (EU)
HARMFUL IF SWALLOWED.
RISK OF SERIOUS DAMAGE TO EYES.
IRRITATING TO RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.
CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
WASH THOROUGHLY AFTER HANDLING.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
NIOSH/MSHA-APPROVED RESPIRATOR.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
CHEMICAL SAFETY GOGGLES.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

PHYSICAL PROPERTIES

MELTING POINT: 250 - 251 C
FLASHPOINT 471.2 F
244 C

SOLUBILITY:
WATER -Z26130

PH: 5.0 - 7.0

SECTION 10. - - - - - - - - -STABILITY AND REACTIVITY - - - - - - - - -

STABILITY

STABLE.

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

HYDROGEN BROMIDE GAS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

SECTION 11. - - - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - - - -

ACUTE EFFECTS

CAUSES SKIN IRRITATION.

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

CAUSES SEVERE EYE IRRITATION.

MAY BE HARMFUL IF INHALED.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.

HARMFUL IF SWALLOWED.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: BQ7875000

AMMONIUM, HEXADECYLTRIMETHYL-, BROMIDE

IRRITATION DATA

SKN-MUS 50 MG/1H OPEN BJDEAZ 86,361,1972

EYE-RBT 450 MG SEV AROPAW 40,668,1948

TOXICITY DATA

ORL-RAT LD50:410 MG/KG YKYUA6 31,471,1980

IVN-RAT LD50:44 MG/KG APTOA6 47,17,1980

IPR-MUS LD50:106 MG/KG FCTXAV 13,331,1975

IVN-MUS LD50:32 MG/KG APTOA6 47,17,1980

IPR-RBT LD50:125 MG/KG PCOC** -,210,1966

SCU-RBT LD50:125 MG/KG PCOC** -,210,1966

SCU-GPG LD50:100 MG/KG 28ZEAL 5,40,1976

TARGET ORGAN DATA

BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)

LUNGS, THORAX OR RESPIRATION (RESPIRATORY DEPRESSION)

LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)

EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)

EFFECTS ON EMBRYO OR FETUS (FETOTOXICITY)

SPECIFIC DEVELOPMENTAL ABNORMALITIES (CRANIOFACIAL)

SPECIFIC DEVELOPMENTAL ABNORMALITIES (MUSCULOSKELETAL SYSTEM)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR

COMPLETE INFORMATION.

SECTION 12. - - - - - - - - - ECOLOGICAL INFORMATION - - - - - - - - -

-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - - - -

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN

A

CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

-

EUROPEAN INFORMATION

HARMFUL

R 22

HARMFUL IF SWALLOWED.

R 37/38

IRRITATING TO RESPIRATORY SYSTEM AND SKIN.

R 41

RISK OF SERIOUS DAMAGE TO EYES.

S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S 36

WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOES 1983: HZD T1981; NIS 3; TNF 373; NOS 4; TNE 4695; TFE 2068

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001

SECTION 16. - - - - - OTHER INFORMATION- - - - -

-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

=====
=====

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-08
NAME: DEOXY-BIGCHAP

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 86303-23-3
SYNONYMS
N,N-BIS-(3-D-GLUCONAMIDOPROPYL)DEOXYCHOLAMIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.
CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.

IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR

WHITE SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
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THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
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AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

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INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

=====
=====

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-09
NAME: N-DECYL-B-D-MALTOSE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 82494-09-5
MF: C22H42O11

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM. USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS. SPECIAL FIREFIGHTING PROCEDURES WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

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SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLenty OF WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-10
NAME: LAURYL DIMETHYLAMINE OXIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 1643-20-5
MF: C14H31NO

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND

THE UPPER RESPIRATORY TRACT. EXPOSURE TO MATERIAL MAY CAUSE THE FOLLOWING:

BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA, AND VOMITING.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED

CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS

CONSCIOUS.
CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR

LIQUID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: JR6650000

TOXICITY DATA AND REFERENCES:

ORL;MUS LD50: 2700 MG/KG. FRENCH MEDICAMENT PATENT DOC. #4264M.

IPR;MUS LD50: 375 MG/KG. FRENCH MEDICAMENT PATENT DOC. #4264M.

IRRITATION DATA AND REFERENCES:

SKN;RBT;DOSE: 2MG/24H SEVERE REACTION 1986. 'PREHLED PRUMYSLOVE

TOXIKOLOGIE ORGANICKE LATKY'-,506.
EYE;RBT;DOSE: 1% SEVERE REACTION FRENCH MEDICAMENT PATENT DOC. #004264M.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED
TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE
USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY
DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-11

NAME: CYMAL-5

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C23H42O11

SYNONYMS

N-CYCLOHEXYL-PENTYL-B-D-MALTOSIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING

CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS

CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE POWDER

SECTION 10. - - - - - - - - -STABILITY AND REACTIVITY - - - - - - - - -
INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - - - - - ECOLOGICAL INFORMATION - - - - - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - - - - - TRANSPORT INFORMATION - - - - - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - - - - - REGULATORY INFORMATION - - - - - - - - -

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - - - - - OTHER INFORMATION- - - - - - - - -

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
IS THE

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TO BE

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A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY
DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-12
NAME: ZWITTERGENT 3-12

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C17H37NO3S
SYNONYMS
N-DODECYL-N,N-DIMETHYL-3-AMMONIO-1-PROPANESULFONATE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR
WHITE SOLID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES
NONE
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AND SULFUR OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S22: DO NOT BREATHE DUST.
S24/25: AVOID CONTACT WITH SKIN AND EYES.
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
S36/37/39: WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE PROTECTION.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

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AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-13
NAME: NONYL-B-D-GLUCOSIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 6998-73-2
MF: C15H30O6

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS. SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE POWDER

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADIVCE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-14

NAME: 1-S-OCTYL-B-D-THIOGLUCOSIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 85618-21-9

MF: C14H28O5S

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS. SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR

WHITE POWDER

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, AND SULFUR OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.
SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED
TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE
USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY
DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

=====
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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -
CATALOG #: HR2-410-15
NAME: N,N-DIMETHYLDECYLAMINE-N-OXIDE*
SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
CAS #: 2605-79-0

MF: C12H27NO

EC NO: 220-020-5

ADDITIONAL INFORMATION

MOLECULAR WEIGHT:

201.36

ASSAY

> 99 %

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
LABEL PRECAUTIONARY STATEMENTS

XI

SAFETY PHRASES:

22 - 24/25

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF SOAP AND WATER.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

ADDITIONAL INFORMATION

HYGROSCOPIC

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

AVOID RAISING DUST.

PLACE IN APPROPRIATE CONTAINER.

WASH SPILL SITE WITH SOAP SOLUTION.

FLUSH SPILL AREA WITH COPIOUS AMOUNTS OF WATER.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR DUST MASK.

WEAR SUITABLE GLOVES.

CHEMICAL SAFETY GOGGLES.

DO NOT BREATHE DUST.

AVOID CONTACT WITH SKIN AND EYES.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

STORE UNDER ARGON.

USE ONLY IN WELL VENTILATED AREAS.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

FORM - SOLID

COLOR - WHITE

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

WHEN HEATED TO DECOMPOSITION IT MAY EMIT:

TOXIC FUMES.

IRRITATING FUMES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

OTHER HEALTH HAZARDS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.

ADDITIONAL INFORMATION

IN CASE OF FIRE, DEVELOPMENT OF TOXIC AND IRRITANT DECOMPOSITION PRODUCTS.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

-
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN
A

CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

-
EUROPEAN INFORMATION
S 5001

SAFETY PHRASES:
U.S. INFORMATION

EINECS NO.
220 020 5

SECTION 16. - - - - - OTHER INFORMATION - - - - -

-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
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INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
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SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED
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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-16
NAME: HECAMEG

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 115457-83-5
MF: C15H29NO7
SYNONYMS
METHYL-6-O-(N-HEPTYLCARBAMOBYL)-A-D-GLUCOSIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE SOLID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, AND NITROGEN OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION - - - - -

-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

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AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-17

NAME: N-OCTANOYLSUCROSE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

NOT AVAILABLE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -
-
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR
WHITE SOLID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES
NONE
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
MAY EMIT TOXIC FUMES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-
RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADIVCE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
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EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

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INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-18

NAME: N-HEPTYL-B-D-THIOGLUCOSIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS#: 85618-20-8

MF: C13H26O5S

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

LIQUID.

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, AND SULFUR OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-19
NAME: N-OCTYL-B-D-GLUCOSIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS#: 29836-26-8
MF: C14H28O6

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

SOLID.

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON

THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADIVCE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -

-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS, IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-20

NAME: CYMAL-3

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C21H38O11

SYNONYMS

CYCLOHEXYL-PROPYL-B-D-MALTOSIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS
COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE CRYSTALLINE POWDER

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT
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SUITABILITY OF THIS INFORMATION TO ENSURE PROPER USE AND PROTECT
THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
WARRANTY,

AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
IS THE

RESPONSIBILITY OF THE USER. THE ABOVE INFORMATION IS BELIEVED
TO BE

CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE
USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY
DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

=====
=====

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-21
NAME: C-HEGA-10

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C18H35NO7
SYNONYMS
CYCLOHEXYLBUTANOYL-N-HYDROXYETHYLGLUCAMIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED

CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS

CONSCIOUS.
CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

-
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
APPEARANCE AND ODOR
SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -
INCOMPATIBILITIES
NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, AND
NITROGEN OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -
-
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON
THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED
DISPOSAL COMPANY.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADIVCE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
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THE HEALTH

AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT
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AND ANY USE OF THE PRODUCT NOT IN CONFORMANCE WITH THIS MATERIAL
SAFETY

DATA SHEET, OR IN COMBINATION WITH ANY OTHER PRODUCT OR PROCESS,
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USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY
DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

=====
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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-22
NAME: ZWITTERGENT 3-10

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

MF: C15H33NO3S
SYNONYMS
N-DECYL-N,N-DIMETHYL-3-AMMONIO-1-PROPANESULFONATE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES,
AND
THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR
POLYMER FOAM.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY

RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS

COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE SOLID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AND SULFUR OXIDES.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

RISK PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:

S22: DO NOT BREATHE DUST.

S24/25: AVOID CONTACT WITH SKIN AND EYES.

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S36/37/39: WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE PROTECTION.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER

INFORMATION GATHERED BY THEM, AND SHOULD MAKE INDEPENDENT JUDGEMENT OF

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AND SAFETY OF EMPLOYEES. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY,

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CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS

A GUIDE. HAMPTON RESEARCH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE

RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: HR2-410-24
NAME: N-HEXYL-B-D-GLUCOSIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS#: 59080-45-4
MF: C12H24O6

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND

THE UPPER RESPIRATORY TRACT.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING

CONTAMINATED

CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN IMMEDIATELY.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS. SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID ALL CONTACT.

WASH THOROUGHLY AFTER HANDLING.

IRRITANT.

KEEP TIGHTLY CLOSED.

HYGROSCOPIC.

STORE IN A TIGHTLY CLOSED CONTAINER.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

SOLID

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

NONE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE, AND CARBON DIOXIDE.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: NONE

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

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SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -
CONTACT HAMPTON RESEARCH FOR TRANSPORTATION INFORMATION.
SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
-

RISK PHRASES:
R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SAFETY PHRASES:
S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
S36: WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. - - - - - OTHER INFORMATION- - - - -
-

EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
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SAFETY

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RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.
SEE

INVOICE OR PACKING SLIP FOR TERMS AND CONDITIONS OF SALES.

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