SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1  Product identifiers

Product Name               : Natrix HT™
Product Number             : HR2-131
Product type               : Liquid
REACH No.                  : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2  Relevant identified uses of the substance or mixture and uses advised against

Identified uses             : For research use only. Not for drug, household, or other use.

1.3  Details of the supplier of the Safety Data Sheet

Company                    : Hampton Research
                          34 Journey
                          Aliso Viejo, CA 92656-3317
                          United States
Telephone                  : 949 425 1321
                          Telephone technical support is available 8:00 a.m. to 4:30 p.m. USA Pacific Standard Time.
Fax                        : 949 425 1611
                          Fax Technical Support is available 24 hours a day.
e-mail                     : tech@hrmail.com
                          e-mail Technical Support is available 24 hours a day.

1.4  Emergency telephone number

Emergency phone            : 949 425 1321
For CHEMTREC Assistance    : 800 424 9300
For CHEMTREC Assistance    : 703 527 3887 (International)

SECTION 2: Hazards Identification

2.1  Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
see SECTION 16

Classification according to EU Directives 67/548/EEC or 1999/45/EC
see SECTION 16

Additional information:
Relevant R-phrase(s), S-phrase(s), GHS pictogram(s), Hazard statement(s), and Precautionary statement(s) please see SECTION 16
SECTION 2: Hazards Identification

2.2 Label elements
   Hazard pictogram : Not applicable
   Signal word : Not applicable
   Hazard statement(s) : Not applicable
   Precautionary statement(s) : Not applicable
   Supplemental Hazard Statements : Not applicable

2.3 Other hazards : none

SECTION 3: Composition/information on ingredients

Refer to Section 16

SECTION 4: First Aid Measures

4.1 Description of first aid measures
   General Advice
   Consult a physician. Show this safety data sheet to the doctor in attendance.

   If inhaled
   If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

   In case of skin contact
   Wash off with soap and plenty of water. Consult a physician.

   In case of eye contact
   Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

   If swallowed
   Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
   To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

4.3 Indication of any immediate medical attention and special treatment needed
   Notes to physician
   Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

   Specific treatments
   No specific treatment.
SECTION 5: Fire Fighting Measures

5.1 Extinguishing media
   Suitable extinguishing media
   Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

   Unsuitable extinguishing media
   None known

5.2 Special hazards arising from the substance or mixture
   No data available

5.3 Advice for firefighters
   Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further Information
   No data available

SECTION 6: Accidental Release Measures

6.1 Personal Precautions
   Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2 Environmental precautions
   Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
   Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
   For disposal see SECTION 8 and 13.

SECTION 7: Handling and Storage

7.1 Personal Precautions
   Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
   Provide appropriate exhaust ventilation at places where dust is formed.
   See Section 8 for additional information on hygiene measures. For precautions see section 16.

7.2 Conditions for safe storage, including any incompatibilities
   Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
   Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end uses
   A part from the uses mentioned in section 1.2 no other specific uses are stipulated.
SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters
Components with workplace control parameters
Consult a physician. Show this safety data sheet to the doctor in attendance.

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment
Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental Exposure Controls
See SECTION 6

SECTION 9: Physical and Chemical Properties

No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
No data available

10.3 Possibility of hazardous reactions
No data available
(CONTINUED) - SECTION 10: Stability and Reactivity

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
No data available

10.6 Hazardous decomposition products
Other decomposition products - no data available

SECTION 11: Toxicological Information

Refer to Section 16

SECTION 12: Ecological Information

Refer to Section 16

SECTION 13: Disposal Considerations

13.1 Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transportation Information

14.1 UN number
ADR/RID: 3316  IMDG: 3316  IATA: 3316

14.2 UN proper shipping name
ADR/RID: CHEMICAL KIT  IMDG: CHEMICAL KIT  IATA: Chemical kit

14.3 Transport hazard class(es)
ADR/RID: -  IMDG: -  IATA: -

14.4 Packaging group
ADR/RID: -  IMDG: -  IATA: -

14.5 Environmental hazards
ADR/RID: No  IMDG Marine pollutant: No  IATA: No
**SECTION 14: Transportation Information**

14.6 Special precautions for user
No data available

**SECTION 15: Regulatory Information**

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

15.2 Chemical Safety Assessment
No data available

**SECTION 16: Other Information**

<table>
<thead>
<tr>
<th>Kit Components</th>
<th>Substance Name</th>
<th>[CAS]</th>
<th>R-Phrase</th>
<th>S-Phrase</th>
<th>GHS Pictogram</th>
<th>Hazard Statement</th>
<th>Precautionary Statement</th>
<th>WKG</th>
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### Kit Components

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<tr>
<th>Substance Name</th>
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<th>Precautionary Statement</th>
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For additional information, please refer to the individual Material Safety Data Sheets(s).

### Relevant R-phrase(s), S-phrase(s), GHS Pictogram(s), Hazard statement(s), and Precautionary statement(s)

**Risk Phrase(s)**

- **R 11**: Highly Flammable
- **R 19**: May form explosive peroxides
- **R 20/21/22**: Harmful by inhalation, in contact with skin and if swallowed
- **R 21/22**: Harmful in contact with skin and if swallowed
- **R 22**: Harmful if swallowed.
- **R 23/25**: Toxic by inhalation and if swallowed
- **R 34**: Causes burns
- **R 36**: Irritating to the eyes
- **R 36/37**: Irritating to eyes and respiratory system
- **R 36/38**: Irritating to eyes and skin
- **R 36/37/38**: Irritating to eyes, respiratory system and skin
Relevant R-phrase(s), S-phrase(s), GHS Pictogram(s), Hazard statement(s), and Precautionary statement(s)

(CONTINUED) - Risk Phrase(s)

R 37/38  :  Irritating to respiratory system and skin
R 38     :  Irritating to the skin
R 39/23/24/25 :  Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R 40     :  Limited evidence of a carcinogenic effect
R 41     :  Risk of serious damage to eyes
R 42/43  :  May cause sensitization by inhalation and skin contact
R 49     :  May cause cancer by inhalation
R 50     :  Very Toxic to aquatic organisms
R 50/53  :  Very Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 60     :  May impair fertility
R 66     :  Repeated exposure may cause skin dryness or cracking
R 67     :  Vapors may cause drowsiness and dizziness
R 68     :  Possible risk of irreversible effects

Safety Phrase(s)

S 9 : Keep container in a well-ventilated place
S 16: Keep away from sources of ignition - No smoking
S 20/21: When using, do not eat, drink or smoke
S 22 : Do not breathe dust
S 24 : Avoid contact with skin
S 24/25: Avoid contact with skin and eyes
S 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 28 : After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer)
S 36 : Wear suitable protective clothing
S 36/37: Wear suitable protective clothing and gloves
S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection
S 36/39: Wear suitable protective clothing and eye/face protection
S 39 : Wear eye/face protection
S 45 : In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S 46 : If swallowed, seek medical advice immediately and show this container or label
S 53 : Avoid exposure - obtain special instruction before use
S 60 : This material and/or its container must be disposed of as hazardous waste
S 61 : Avoid release to the environment. Refer to special instructions safety data sheet

GHS Pictogram

GHS02 : Flame
GHS05 : Corrosion
GHS06 : Acute Toxicity
GHS07 : Acute Toxicity
GHS08 : Health Hazard
GHS09 : Hazardous to aquatic environment
(CONTINUED) - SECTION 16: Other Information

Relevant R-phrase(s), S-phrase(s), GHS Pictogram(s), Hazard statement(s), and Precautionary statement(s)

Hazard statement(s)

H225 : Highly Flammable liquid and vapour
H290 : May be corrosive to metals
H301 + H311 + H331 : Toxic if swallowed, in contact with skin or if inhaled
H302 : Harmful if swallowed.
H302 + H312 : Harmful if swallowed or in contact with skin
H314 : Causes severe skin burns and eye damage
H315 : Causes skin irritation
H317 : May cause an allergic skin reaction
H318 : Causes serious eye damage
H319 : Causes serious eye irritation
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 : May cause respiratory irritation
H336 : May cause drowsiness or dizziness
H341 : Suspected of causing genetic defects
H350i : May cause cancer by inhalation.
H351 : Suspected of causing cancer.
H360F : May damage fertility.
H370 : Causes damage to organs.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting eff ects.
H411 : Toxic to aquatic life with long lasting eff ects.

Precautionary statement(s)

P201 : Obtain special instructions before use.
P210 : Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P260 : Do not breathe dust/fume/gas/mist/vapours/spray.
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 : Avoid release to the environment.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P281 : Use personal protective equipment as required.
P301 + P310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 : IF exposed: call a POISON CENTER or doctor/physician.
P308 + P313 : IF exposed or concerned: Get medical advice/attention.
P310 : Immediately call a POISON CENTER or doctor/physician.
P311 : Call a POISON CENTER or doctor/physician.
P501 : Dispose of contents/container to a licensed disposal company.
(CONTINUED) - SECTION 16: Other Information

DISCLAIMER

• For R&D use only. Not for drug, household, or other use.

WARRANTY

• The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of this product. Hampton Research Corp., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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