

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier - Labeling according to Regulations (EC) No 1272/2008

Product Code(s) 1441
Product name 1 NTU/NTRU Standard (EPA)

Substance or Preparation Preparation

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

Recommended Use Laboratory chemicals
Industrial (not for food or food contact use)
Use as a laboratory reagent

1.3. Details of the supplier of the safety data sheet

Manufacturer Address
LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620 USA
T 410-778-3100
F 410-778-9748

Contact for timely inquiries in regards to this product

LaMotte Company Customer Information: Regulatory Affairs Department
E-mail address system@lamotteco.com

1.4. Emergency telephone number

24 Hour Emergency Number (CHEM-TEL):USA, Canada, Puerto Rico 1-800-255-3924 Outside North American Continent (Call collect) 813-248-0585

Section 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.1.2 Classification according to Directive 67/548/EEC or 1999/45/EC

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

Symbol(s)
Not dangerous

2.2. Label elements - EU (§28, 1272/2008)

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Pictogram(s)**Hazard statements** None

P103 - Read label before use. P264 - Wash face, hands and any exposed skin thoroughly after handling. P280 - Wear eye protection/ face protection. P403 + P235 - Store in a well-ventilated place. Keep cool. P102 - Keep out of reach of children.

2.3. Other hazards

None known

Section 3: COMPOSITION/ INFORMATION OF INGREDIENTS***3.1 Substances**

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures**

General advice	No hazards which require special first aid measures.
Inhalation	Remove to fresh air.
Skin contact	Wash off with warm water and soap.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3. Indication of any immediate medical attention and special treatment needed

None known

Section 5: FIREFIGHTER MEASURES**5.1. Extinguishing media**

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available

5.3. Advice for firefighters

Special protective equipment for firefighters As in any fire, wear self-contained breathing apparatus and full protective gear

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protection recommended in Section 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
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6.3. Methods and material for containment and cleaning up

Methods for containment	Not Applicable.
Methods for cleaning up	Soak up with inert absorbent material. After cleaning, flush away traces with water.

6.4. Reference to other sections

Methods for Containment and Clean Up	Pick up and transfer to properly labelled containers.
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Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Handling	Handle in accordance with good industrial hygiene and safety practice. Do not taste or swallow. Do not eat, drink or smoke when using this product.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep out of the reach of children.
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7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**8.1. Control parameters**

Derived No Effect Level (DNEL)	No information available.
Predicted No Effect Concentration (PNEC)	No information available.

8.2. Exposure controls

Engineering Measures	Showers Eyewash stations Ventilation systems Ensure adequate ventilation, especially in confined areas
Personal protective equipment Eye/Face Protection	No special protective equipment required.

Hand protection	Rubber/latex/neoprene or other suitable chemical resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure. Wear nitrile gloves.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Environmental exposure controls	No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	liquid	Odor	Odorless
Appearance	Clear, colorless liquid		
Color	Clear, colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	No information available	No information available	
Melting point / freezing point		No information available	
Boiling point / boiling range	100 °C / 212 °F		
Flash point		No information available	
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper	Not applicable		
Lower	Not applicable		
Vapor pressure	<17 mmHg @ 20°C	No information available	
Vapor density		No information available	
Specific gravity		No information available	
Water solubility		No information available	
Solubility in other solvents		No information available	
Partition coefficient		No information available	
Autoignition temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties		No information available	
Oxidizing properties		No information available	
<u>9.2. Other information</u>			
Softening point		No information available	
Molecular weight		No information available	
VOC Content (%)		No information available	
Density		No information available	
Bulk density		No information available	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing

10.4. Conditions to avoid

Do not freeze. (Once frozen, polymer will not remain completely suspended).

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

None under normal use.

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Mutagenic effects No information available.

Carcinogenic effects No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity****12.2. Persistence and degradability**

No product level data available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of waste product or used containers according to local regulations.
Contaminated packaging	Do not reuse empty containers.

Section 14: TRANSPORT INFORMATION

IMDG/IMO Not regulated

ADR Not regulated
 14.1
 14.2
 14.3
 14.4
 14.5

IATA Not regulated
 14.1
 14.2
 14.3
 14.4

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Germany None

Water contaminating class (Netherlands) None

Switzerland Poison Classification None

European Union None

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Complies
KECL	Complies

PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

Section 16: ANY OTHER RELEVANT INFORMATION**Key or legend to abbreviations and acronyms used in the safety data sheet****Text of R phrases mentioned in Section 3**

No information available

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

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Recommendations on Use Laboratory chemicals Industrial (not for food or food contact use) Restricted to professional users

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

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet