

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) 1442
Product name 10 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)

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

(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)

Signal word None

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

Irritating to eyes, respiratory system and skin

Harmful if swallowed

Section 3: COMPOSITION/ INFORMATION OF INGREDIENTS*

3.1 Substances

Not Applicable

3.2 Mixtures

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 Rinse thoroughly with water as necessary.

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

Treat symptomatically.

Section 5: FIREFIGHTER MEASURES

5.1. Extinguishing media

Suitable extinguishing media Water spray, dry chemical, carbon dioxide (CO₂), or foam.

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 As in any fire, wear self-contained breathing apparatus and full protective gear

firefighters

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.

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

For disposal see section 13.

Methods for Containment and Clean Up Pick up and transfer to properly labelled containers.

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.

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****Hand protection**

No special protective equipment required.

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		
Property	Values	Remarks • Method	
pH	6-7		
Melting point / freezing point		No information available	
Boiling point / boiling range	ca 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	
9.2. Other information			
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.

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

Organic material. (No hazardous reaction).

10.6. Hazardous decomposition products

None under normal use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

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

Unknown Aquatic Toxicity 0.1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

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.
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Contaminated packaging	Do not reuse empty containers.
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Section 14: TRANSPORT INFORMATION

IMDG/IMO	Not regulated
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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
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Water contaminating class (Netherlands)	None
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Switzerland Poison Classification	None
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European Union	None
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International Inventories TSCA	Complies
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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/NDSL - 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

Prepared by	Regulatory Affairs Department
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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