



# SAFETY DATA SHEET

Revision Date 01/30/2015

REVISION NUMBER: 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name MINERAL TAMER

### Other means of identification

Product code 118111

Synonyms NONE

### Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA

### Emergency telephone number

EMERGENCY TELEPHONE  
INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                   |            |
|-----------------------------------|------------|
| Acute toxicity - Oral             | Category 4 |
| Serious eye damage/eye irritation | Category 1 |
| Corrosive to metals               | Category 1 |

### Label elements

#### **Emergency Overview**

**DANGER**

#### **Hazard statements**

Harmful if swallowed  
Causes serious eye damage  
May be corrosive to metals



**Appearance** Clear Green

**Physical state** Liquid

**Odor** Floral scent.

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep only in original container

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth  
Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in corrosive resistant container

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No information available

**Other Information**

**Unknown Acute Toxicity** 1.77% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| PRODUCT COMPOSITION<br>CAS# | CAS No.  | %       | TRADE SECRET |
|-----------------------------|----------|---------|--------------|
| Urea Hydrochloride          | 506-89-8 | 20 - 30 | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

**General advice** Immediately call a POISON CENTER or doctor/physician.

**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Skin contact** IF ON SKIN: Wash with soap and water.

**Inhalation** IF INHALED: Remove to fresh air.

**Ingestion** IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** NONE.

**Sensitivity to Static Discharge** NONE.

**Protective equipment and precautions for firefighters**

Cool exposed containers with water spray. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep out of drains, sewers, streams, or other bodies of water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Do not store in metal containers. Store in a cool, dry location away from incompatible materials.

**Incompatible materials** Avoid contact with:.. OXIDIZERS. Hazardous if product comes in contact with:.. Chlorates. Nitrites.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**ENGINEERING CONTROLS** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Goggles and face shield are recommended to minimize eye contact.

**Skin and body protection**

Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION**

Avoid breathing vapor or mist. NIOSH approved respirator if spray mist in air causes irritation.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                      |                          |                                |                          |
|--------------------------------------|--------------------------|--------------------------------|--------------------------|
| <b>Physical state</b>                | Liquid                   | <b>Odor</b>                    | Floral scent.            |
| <b>Appearance</b>                    | Clear Green              | <b>Odor threshold</b>          | No information available |
| <b>Color</b>                         | No information available |                                |                          |
| <b><u>Property</u></b>               | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |                          |
| <b>pH</b>                            | 0.6                      | (10% in water)                 |                          |
| <b>Melting point/freezing point</b>  | No information available |                                |                          |
| <b>Boiling point / boiling range</b> | 100 °C / 212 °F          |                                |                          |
| <b>Flash point</b>                   | -                        | None to boiling.               |                          |
| <b>Evaporation rate</b>              | No information available |                                |                          |
| <b>Flammability (solid, gas)</b>     | No information available |                                |                          |
| <b>Flammability Limit in Air</b>     |                          |                                |                          |
| <b>Upper flammability limit:</b>     | No information available |                                |                          |
| <b>Lower flammability limit:</b>     | No information available |                                |                          |
| <b>Vapor pressure</b>                | No information available |                                |                          |
| <b>Vapor density</b>                 | No information available |                                |                          |
| <b>Specific gravity</b>              | 1.08 - 1.10              |                                |                          |
| <b>Water solubility</b>              | No information available |                                |                          |
| <b>Solubility in other solvents</b>  | No information available |                                |                          |
| <b>Partition coefficient</b>         | No information available |                                |                          |
| <b>Autoignition temperature</b>      | No information available |                                |                          |
| <b>Decomposition temperature</b>     | No information available |                                |                          |
| <b>Kinematic viscosity</b>           | No information available |                                |                          |
| <b>Dynamic viscosity</b>             | No information available |                                |                          |
| <b>Explosive properties</b>          | No information available |                                |                          |
| <b>Oxidizing properties</b>          | No information available |                                |                          |

**Other Information**

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Softening point</b>          | No information available |
| <b>VOC (EPA METH.24) (G/L):</b> | 4.69                     |
| <b>Density</b>                  | No information available |
| <b>Bulk density</b>             | No information available |

## 10. STABILITY AND REACTIVITY

**REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**CONDITIONS TO AVOID**

Heating above 110° F results in exothermic decomposition with rapid release of CO<sub>2</sub> gas.

**Incompatible materials**

Avoid contact with:.. OXIDIZERS. Hazardous if product comes in contact with:.. Chlorates. Nitrites.

**Hazardous Decomposition Products**

When heated to high temperatures, the following may be produced:.. Oxides of Carbon. Oxides of Nitrogen. Contact with hypochlorites such as bleach, sulfides, or cyanides will liberate toxic gas. Contact with alkaline materials such as ammonia will generate heat. Hydrogen gas may be released by contact with certain metals.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| <b>Product Information</b> | Harmful if swallowed Serious eye damage/eye irritation                 |
| <b>Inhalation</b>          | No data available.                                                     |
| <b>Eye contact</b>         | Corrosive to the eyes and may cause severe damage including blindness. |
| <b>Skin contact</b>        | No data available.                                                     |
| <b>Ingestion</b>           | Harmful if swallowed.                                                  |

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Sensitization</b>            | No information available. |
| <b>Germ cell mutagenicity</b>   | No information available. |
| <b>Carcinogenicity</b>          | No information available. |
| <b>Reproductive Toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 1.77% of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 1600 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

35.11% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Disposal of wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b> | Do not reuse container.                                                                             |

**14. TRANSPORT INFORMATION**

|                             |                      |
|-----------------------------|----------------------|
| <b>Proper shipping name</b> | Not Regulated by DOT |
|-----------------------------|----------------------|

**15. REGULATORY INFORMATION****International Inventories**

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Complies        |
| <b>DSL/NDSL</b>      | Complies        |
| <b>EINECS/ELINCS</b> | Does not Comply |
| <b>ENCS</b>          | Does not Comply |
| <b>IECSC</b>         | Complies        |
| <b>KECL</b>          | Does not Comply |
| <b>PICCS</b>         | Complies        |
| <b>AICS</b>          | 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

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                          |     |
|------------------------------------------|-----|
| <b>ACUTE HEALTH HAZARD</b>               | YES |
| <b>CHRONIC HEALTH HAZARD</b>             | No  |
| <b>FIRE HAZARD</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>REACTIVE HAZARD</b>                   | YES |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION****NFPA**

Health hazards 2

Flammability 0

Instability 1

Physical and Chemical Properties -

**HMIS**

Health hazards 2

Flammability 0

Physical hazards 1

Personal protection B

Prepared By

EH&S DEPARTMENT

Revision Date

01/30/2015

Revision Note

**Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

\*\*\* END OF SDS \*\*\*