



## Safety Data Sheet

# KNOCK-OFF

### Section 1. Identification

**Product Use** BIODEGRADABLE WATER BASE DETERGENT  
**Date Issue:** 12/8/15 **Supersedes:** 3/8/15

**Emergency Telephone Numbers:** INFOTRAC 1-800-535-5053  
**Prepared By:** Chem Quest, Inc.  
**Website:** [www.chem-quest.com](http://www.chem-quest.com)  
**E-mail:** [chemquest@roadrunner.com](mailto:chemquest@roadrunner.com)

### Section 2. Hazard(s) identification

#### HMIS Hazard Rating

0 = Insignificant

1 = Slight

2 = Moderate

3 = High

4 = Extreme

|               |          |                     |          |                   |          |                      |          |
|---------------|----------|---------------------|----------|-------------------|----------|----------------------|----------|
| <b>HEALTH</b> | <b>1</b> | <b>FLAMMABILITY</b> | <b>0</b> | <b>REACTIVITY</b> | <b>0</b> | <b>SPECIFIC HAZ.</b> | <b>0</b> |
|---------------|----------|---------------------|----------|-------------------|----------|----------------------|----------|

#### Emergency overview

WARNING  
 MAY CAUSE EYE IRRITATION

#### \*Hazard Determination System (HDS): Health, Flammability, Reactivity

**Acute Effects** **Routes of Entry** Dermal contact. Eye or skin contact.

**Eyes** Liquid or mist may cause severe irritation of eyes and eye lids possibly resulting in prolonged or permanent visual defects or total destruction of the eyes.

**Skin** May cause irritation.

**Inhalation** May cause irritation.

**Ingestion** May cause discomfort.

**NOTE:** SDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

**Chronic effects** Prolonged or repeated contact may dry skin and cause irritation.

**Additional Information:** See Toxicological Information (Section 11)

**Section 3. Composition/Information on Ingredients**

| INGREDIENTS         | CAS NUMBER | PERCENT | OSHA PEL              | ACGIH T LV            |
|---------------------|------------|---------|-----------------------|-----------------------|
| AMMONIUM BIFLUORIDE | 1341-49-7  | <5%     | 2.5 mg/m <sup>3</sup> | 2.5 mg/m <sup>3</sup> |

**Section 4. First Aid Measures**

**Eyes:** Irrigate immediately with copious amounts of water for about 15 minutes. A physician, preferably an eye specialist, should be contacted.

**Skin:** Wash off with warm water and soap. Remove and wash contaminated clothing before Wearing again.

**Inhalation:** Remove patient to an uncontaminated area and apply artificial respiration if breathing has stopped. Patient should remain quiet, preferably lying down and kept warm and comfortable. Do not give stimulants unless so ordered by a doctor.

**Ingestion:** **DO NOT INDUCE VOMITING.** Contact a physician immediately. Have patient drink a large quantity of water, followed by milk or 2 ounces of Milk of Magnesia.

**Section 5. Fire Fighting Measures**

|                                 |   |
|---------------------------------|---|
| <b>Flash Point</b>              | None  |
| <b>Flammable Limits</b>         | None  |
| <b>Flammability</b>             | None  |
| <b>Fire hazard</b>              | None  |
| <b>Fire-Fighting Procedures</b> | Use an extinguishing agent suitable for the surrounding fire. |

**Section 6. Accidental Release Measures**

|                        |   |
|------------------------|---|
| <b>Spills</b>          | Neutralize with lime slurry, flush to chemical sewer with copious amounts of water. .<br>Material is biodegradable. |
| <b>Disposal Method</b> | Dispose of in accordance with state, federal, or local Regulations.   |

**Section 7. Handling and Storage**

**Handling** Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Do not ingest. Do not reuse container.

**Storage** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

**Keep out of the reach of children.**

**Section 8. Exposure Controls/Personal Protection****Personal Protection**

|                    |  |
|--------------------|--|
| <b>Eyes</b>        | Safety Goggles.  |
| <b>Body</b>        | Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.   |
| <b>Respiratory</b> | Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use. |

**Section 9. Physical and Chemical Properties**

|                                      |            |
|--------------------------------------|------------|
| <b>Boiling Point</b>                 | 212 deg. F |
| <b>Vapor Pressure (@200C)</b>        | N/A        |
| <b>Vapor Density (Air=1)</b>         | <1         |
| <b>Solubility in H<sup>2</sup> O</b> | Complete   |
| <b>Specific Gravity</b>              | 1.013      |
| <b>Evaporation Rate (Acetone=1)</b>  | <1         |

**pH** 5.5 – 6.5  
**Appearance and Color** Pink Liquid – Slight Citrus Odor

### Section 10. Stability and Reactivity

**Chemical Stability** Stable  
**Conditions to Avoid** Light Metals  
**Materials to Avoid** Oxidizers  
**Hazardous Polymerization** None  
**Hazardous Decomposition Products** Hydrogen gas will form if left in contact with light metals.

### Section 11. Toxicological Information

**Acute Toxicity**  
**SENSITIZATION:** N/A      **CARCINOGENICITY: IARC:** N/A      **NTP:** N/A      **OSHA:** N/A

### Section 12. Ecological Information

**Ecotoxicity:** N/A  
**BOD5 and COD:** N/A  
**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.  
**Special Remarks on the Products of Biodegradation:** N/A

### Section 13. Disposal Considerations

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.  
**Waste Stream** Non-hazardous waste

### Section 14. Transport Information

**UN or NA Number** None  
**Emergency Response Guide** N/A  
**DOT Shipping Name** Cleaning Compound - Non regulated Material  
**Reportable Quantity** None  
**Other Precautions** Read entire label before using / Keep out of reach of children.

### Section 15. Regulatory Information

#### U.S. Federal Regulations

**SARA 313** toxic chemical notification and release reporting:

**Clean Water Act (CWA) 307:** No products were found.  
**Clean Water Act (CWA) 311:** No products were found.  
**Clean Air Act (CAA) 112** regulated toxic substances: No products were found.

#### State Regulations

**California Prop 65** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

### Section 16. Other Information

**Protective Equipment:** If PEL or TLV limits, listed in Section 2, are exceeded a NIOSH/OSHA approved air respirator is advised. These respirators should not be used for an extended period of time. A dust mask should be used when using a buffing machine. High speeds of buffing machines throw chemical dust into the air.

Sufficient mechanical ventilation should be used to maintain exposure levels below PEL and TLV limits in Section 2. Chemical resistant gloves are always recommended as some chemicals may not only do damage to the skin but may also be a threat through absorption.

Chemical resistant splash goggles are recommended when using liquid chemicals, or using a high speed buffing machine.

NA=Not Applicable N/E=Not Established ND=Not Determined NR=Not Regulated N/L=Not Listed VP=Vapor Pressure  
IARC=International Agency for Research on Cancer

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**Disclaimer of Liability**

The information on this data sheet represents our current data and best opinions as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any process is the responsibility of the user.

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