

# Safety Data Sheet (SDS)

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

### A-29 CORROSION INHIBITING COMPOUND

**Product Use:** MULTIPURPOSE CORROSION REMOVER USED TO REMOVE ALL VARIETIES OF CORROSION ON MANY DIFFERENT BASE METALS

#### Green Mountain Corporation

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Rancho Dominguez, CA 90221  
United States of America  
<http://www.biotuffclean.com>

#### Contact Information

Phone: (310) 637-0460  
[johns@greenmtncorp.com](mailto:johns@greenmtncorp.com)

#### Transportation

Phone: (310) 804-2881

#### Emergency Response

CHEMTREC: (800) 424-9300

#### Health Emergency

Dial 911

## SECTION 2 HAZARDS IDENTIFICATION



**Signal Word:** WARNING

**Health Hazards:** May dry skin after prolonged exposure.

**Precautionary Statements:** As a precaution, wear gloves and mask for prolonged contact with material. To remove the material from skin, use soap and water.

**Eye:** Mild eye irritant

**Skin:** May cause dry skin after prolonged contact. Pre-existing skin disorders may be aggravated by exposure.

### **IMMEDIATE HEALTH EFFECTS**

**Eye:** Flush with plenty of water for at least 5-10 minutes while holding eyelids open. Reddening may occur. Seek medical advice if condition persists.

**Skin:** Pre-existing skin disorders may be aggravated by exposure. Wash with water. Seek medical advice if condition persists.

**Ingestion:** Drink copious amounts of water. Induce vomiting. Seek medical advice if upset stomach persists.

**Inhalation:** If possible use product in ventilated area. High concentrations or prolonged exposure can cause headaches, dizziness, nausea and vomiting. Seek medical advice if conditions arise.

### **SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS**

NO HAZARDOUS COMPONENTS OF THIS PRODUCT EXIST AS COMBINED IN THIS MIXTURE. ACCORDING TO CHEMICAL ANALYSIS, D-5 CONTAINS NO KNOWN EPA PRIORITY POLLUTANTS, HEAVY METALS OR CHEMICALS. THIS PRODUCT FORMULATION IS CONSIDERED A MANUFACTURER'S TRADE SECRET IN ACCORDANCE WITH THE REQUIREMENTS OF NAVY INSTRUCTION #5720.42D ON DECEMBER 4<sup>TH</sup>, 1987. PLEASE LABEL SDS AS SUCH.

### **SECTION 4 FIRST AID MEASURES**

**Eye:** Flush with plenty of water for at least 5-10 minutes while holding eyelids open. Reddening may occur. Seek medical advice if condition persists.

**Skin:** Pre-existing skin disorders may be aggravated by exposure. Wash with water. Seek medical advice if condition persists.

**Ingestion:** Drink copious amounts of water. Induce vomiting. Seek medical advice if upset stomach persists.

**Inhalation:** If possible use product in ventilated area. High concentrations or prolonged exposure can cause headaches, dizziness, nausea and vomiting. Seek medical advice if conditions arise.

### **SECTION 5 FIRE FIGHTING MEASURES**

**FIRE CLASSIFICATION:** A-29 is stable but it is recommended to avoid excessive heat or flames.

**NFPA RATINGS:** Health: 1 Flammability: 0 Reactivity: 1

#### **FLAMMABLE PROPERTIES:**

**Flashpoint:** (PMCC) None

**Auto-ignition:** No Data Available

**Flammability (Explosive) Limits (% by volume in air):** STP in air

**EXTINGUISHING MEDIA:** Water fog, alcohol foam, CO<sub>2</sub>, dry chemical

#### **PROTECTION OF FIRE FIGHTERS:**

**Fire Fighting Instructions:** Self-contained breathing apparatus recommended if this material is involved in a fire

**Combustion Products:** N/A

## SECTION 6 ACCIDENTAL RELEASE MEASURES

A-29 is biodegradable. Recover usable material by convenient method. Any residual materials can be removed by mop, wet vacuum or wipe. Any unrecoverable material may be washed down the drain with several pails of water as rinse.

## SECTION 7 HANDLING AND STORAGE

**Precautionary Measures:** Keep out of the reach of children.

**General Handling Information:** No special precautions are required for the handling of A-29 beyond normal good use practices. A-29 meets all DOT requirements.

**Container Warnings:** Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioning outfit or disposed of properly.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

### ENGINEERING CONTROLS:

None necessary. If possible use in ventilated area but not required.

### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection:** Wear eye protection and mask.

**Skin Protection:** Wear safety gloves. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Silver Shield, Viton.

**Respiratory Protection:** No respiratory protection is normally required but use in ventilated area if possible. If not possible, wear safety mask as precaution.

**Occupational Exposure Limits:** Do not breath spray mist. If spilled on clothing, remove and wash.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

**Color:** Light blue liquid with odor

**Physical State:** Liquid

**Odor:** Mild

**pH:** 4.0-5.0

**Vapor Pressure:** nil at 25°C

**Vapor Density (Air = 1):** N/A

**Boiling Point:** N/A

**Solubility:** Completely soluble in water

**Freezing Point:** Not Applicable

**Melting Point:** Not Applicable

**VOC:** None

**Specific Gravity:** 54lb/ft<sup>3</sup>

## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:** A-29 is stable.

**Incompatibility With Other Materials:** Avoid strong oxidizing agents.

**Hazardous Decomposition Products:** None known (None expected)

**Hazardous Polymerization:** Hazardous polymerization will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

### IMMEDIATE HEALTH EFFECTS

Oral LD50 (rat)                    3980 MG/KG tested as mixture.

## SECTION 12 Ecological Information: N/A

## SECTION 13 DISPOSAL CONSIDERATIONS

A-29 is completely water soluble and biodegradable. If disposed by sewer or drain, it will not harm sewage treatment micro-organisms. Local, state and federal laws apply regarding disposal.

## SECTION 14 TRANSPORT INFORMATION

A-29 has no special transportation requirements.

## SECTION 15 REGULATORY INFORMATION

All intentional ingredients of this product are listed.

## SECTION 16 OTHER INFORMATION

**NFPA RATINGS:** Health: 1 Flammability: 0 Reactivity: 1

**HMIS RATINGS:** Health: 1 Flammability: 0 Reactivity: 1

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, \*- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

**REVISION STATEMENT:** This is a new Safety Data Sheet.

**Revision Date:** February 1<sup>st</sup>, 2016