

Triple-D-Granular

MSDS# Triple-D-Gran

Safety Data Sheet

November 2010

5 Pages

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

Product Name:

Triple D Universal Coil Cleaner Granular

Manufacturer

Diversitech

6650 Sugarloaf Parkway, Duluth, GA, 30097

EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)**Phone (For Information):** 1+678.542.3600**DATE REVISED:** 11/29/2010**PREPARED BY:** Anthony Jernigan

2: HAZARDS IDENTIFICATION

Emergency Overview:

Causes eye and skin burns. Causes digestive and respiratory tract burns. May be harmful if swallowed.

Target organs: Eyes, skin, mucous membranes.**Potential Health Effects:****Eye:** Contact with eyes may cause severe irritation, and possible eye burns.**Skin:** Contact with skin causes irritation and possible burns, especially if the skin is wet or moist.**Ingestion:** May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns. May be harmful if swallowed.**Inhalation:** May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation.**Chronic:** Chronic inhalation may cause effects similar to those of acute inhalation.**Routes of entry:** Inhalation: yes Skin: no Ingestion: yes Eyes: yes**Carcinogenicity:** NTP: No IARC Monographs: No OSHA Regulated: No**Signs and symptoms of exposure:**

Inhalation: Coughing, sneezing, severe irritation. Dust may cause chemical pneumonitis.

Skin: Irritant. Burning, redness, drying of skin.

Ingestion: Swallowing may cause diarrhea, nausea, vomiting or unconsciousness.

Eyes: severe irritation, redness, burning, tearing, permanent damage or blindness.

Medical conditions aggravated by exposure: contact with skin or eyes, or breathing dust can cause eye skin or tissue damage or affect individuals with respiratory disorders .

3: HAZARDOUS INGREDIENTS INFORMATION

Ingredient	CAS NO	%	Hazard Symbol	Risk Phrases
Sodium Metasilicate	6834-92-0	20-40	C	R22, R34, R37
Potassium Carbonate	584-08-7	20-40		

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4: FIRST AID MEASURES

Eyes: Flush with water for 15 minutes. Consult a physician if irritation persists

Skin: Remove contaminated clothing. Wash the affected area with soap and water. Launder or dry clean clothes before reuse..

Inhalation: Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area, then seek medical aid immediately.

Ingestion: Do not induce vomiting. Force fluids. Contact the nearest poison control center, or call the National Poison Control Hotline at: 1-800-222-1222 for advice

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY: Not flammable

EXTINGUISHING MEDIA: Use media suitable for the primary source of the fire.

SPECIAL PROCEDURES: If this product is involved in a fire, firefighters should wear self-contained breathing apparatus and full turn-out gear.

FLASH POINT (C), METHOD: None

AUTO IGNITION TEMPERATURE: None

SPECIAL FIRE FIGHTING PROCEDURES: None suggested

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product may evolve toxic fumes (ammonia, hydrogen sulfide if heated to decomposition).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is spilled or released:

Wear recommended protective clothing. Remove contaminated garments promptly. Sweep up material and collect in a waterproof recovery container. Undamaged product may be recovered and used according to label instructions. Do not contaminate municipal sewers or other open bodies of water with runoff from cleanup.

SECTION 7: HANDLING AND STORAGE

Avoid contact with skin and eyes. Avoid breathing dust. Keep containers closed when not in use. Store in a dry, cool, area. Empty containers may retain residue. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Keep this and all chemicals out of the reach of children.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

Sodium Metasilicate, Cas# 6834-92-0:

OSHA PEL: 2mg/m³ (For dust)

Respiratory protection (specify type): use in a well-ventilated area. If dust is being generated and exceeds the TLV, a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

Ventilation: local exhaust is recommended when used in enclosed areas.

Protective gloves: neoprene, latex or other materials may be used if there is documented evidence of compatibility.

Eye protection: safety glasses (ANSI Z87.1) or approved equivalent as necessary to minimize eye contact hazards.

Other protective clothing: neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

Work hygienic practices: use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point: not applicable

Specific gravity (h₂o = 1): 1.12-1.13

Vapor pressure (mm hg): not applicable

Melting point (pour point): not applicable

Vapor density (air = 1): not applicable

Evaporation rate (water = 1): not applicable

Solubility in water: 100%

Appearance and odor: Granular orange solid with a lavender odor.

SECTION 10: STABILITY AND REACTIVITY

Stability-stable

Conditions to avoid: none

Incompatibility (materials to avoid): strong oxidizers, strong acids, formaldehyde

Hazardous decomposition or byproducts: If this product is involved in a fire, it may evolve carbon monoxide, carbon dioxide, and other unidentified fragments.

Hazardous polymerization: will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure limit: see Section 8

Carcinogenic: none known

Reproductive effects: none known

Irritant: see Section 2

SECTION 12: ECOLOGICAL CONSIDERATIONS

No data for this product

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of contaminated material in accordance with municipal, provincial and federal regulations.

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SECTION 14: TRANSPORT INFORMATION

Domestic Highway Transport:

Dot Hazard Label: ORM-D in quantities less than 2.2 lb or 1 KG

Dot Description: Cleaning Compound, NOI, other than liquid

IMO (Ocean Freight):

UN Number: UN3262

Shipping Name: Corrosive Solid, Basic, Inorganic, NOS (Sodium Metasilicate and Potassium Carbonate)

Class: 8

Packing group: III (Limited Quantity)

SECTION 15: REGULATORY INFORMATION

EC Classification: Not available

Risk phrases:

R21/22- Harmful in contact with skin and if swallowed

R34-Causes burns

R 37- Irritating to respiratory system

Safety phrases:

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US EPA

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA) requires notification is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III planning based on reporting is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: All components are on the TSCA inventory.

Poison Schedule: WHMIS: Not applicable. This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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16. OTHER INFORMATION:

NFPA Ratings: Health: 2 Flammability: 0 Reactivity: 0

HMIS II Rating: Health: 2 Flammability: 0 Reactivity: 0

OSHA Personal Protection Index: B



Label:

Warning:

Caution

Contains sodium metasilicate. May cause irritation or burns to skin, eyes, and respiratory organs.

Precautions:

Wear gloves, safety glasses and protective clothing when applying TRIPLE-D™ solutions.

Avoid breathing fumes, vapors, or mists.

Do not take internally.

May be harmful or fatal if swallowed.

Consult the Material safety Data Sheet for additional storage and handling information.

First Aid:

Eye: flush eyes with cool running water for 15 minutes, then get medical attention.

Skin: rinse with running water for 15 minutes or until the area no longer feels "slick".

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.