



# Material Safety Data Sheet: Degreaser DG 2200

RHINO<sup>TECH</sup>, INC

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## 1 - MATERIAL IDENTIFICATION

### Product Name: Degreaser DG 2200

Product Number: \_\_\_\_\_ Date: 10/7/08

Manufacturer: RhinoTech, Inc.

Chemical family: Liquid, mixture

Material Use of Occurrence: Screen Degreaser

HMIS Hazard Ratings:

Health: 1 0 = None

Fire: 0 1 = Slight

Reactivity: 0 2 = Moderate

Special: NA 3 = Serious

4 = Severe

## 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA /PEL	ACGIH/TLV	OSHA Hazard
2-Butoxyethanol (Butyl Cellosolv)	111-76-2	25 mg/l	25 mg/l	Skin, Eye
Nonionic surfactant blend	Proprietary	NA	NA	Skin, Eye
Sodium Metasilicate	6834-92-0	2mg/m3	2mg/m3	
Corrosive				

## 3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 200

Specific Gravity: 1.02

Vapor Pressure: NA

Melting Point: NA

Vapor Density (air = 1): NA

Evaporation Rate (butyl acetate = 1): NA

Solubility in Water: Complete

Appearance and Odor: Blue liquid with characteristic odor

pH : 10.5-11.5 in aqueous solution

## 4 - FIRE AND EXPLOSION DATA

Flash Point: None

Flammable Limits: LEL: NA UEL: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Extinguishing Media: As Appropriate for Surrounding Fire; Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical

## 5 - REACTIVITY INFORMATION

Stable: YES Unstable:

Hazardous Polymerization Occurs: Does Not: X

Incompatibility: NA

Hazardous Decomposition Products: CO<sub>2</sub>, CO, HCL, NO<sub>x</sub>, Hydrocarbons

## 6 - Health Hazard Data

Inhalation: Skin & Eye may cause irritation.

Skin:

Skin contact with product may cause severe irritation burns

Eyes:

Eye contact with product may cause severe irritation burns

Ingestion:

Ingestion may cause burns chest pain, nausea, vomiting, pain and/or excess fluid retention (edema)

**7 - Emergency and First Aid Procedures**

Inhalation:

Remove to fresh air. Use artificial respiration and oxygen if needed.

If irritation persists, seek medical attention.

Skin:

Flush with large amounts of water. If irritation persists, seek medical attention.

Eyes:

Flush with water for 15 minutes while holding eyelids open. Get medical attention promptly.

Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water.

If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.

Call physician immediately. Never give anything by mouth to an unconscious person.

**8 - Special Protection Information**

Respiratory Protection:

Use NIOSH approved equipment suitable for nuisance dust when airborne exposure is excessive.

Provide ventilation to minimize exposure.

Protective Clothing:

Eyes: Wear splash proof goggles where exposure is possible.

Skin: Wear chemical resistant gloves, boots and clothing. Have convenient safety showers.

**9 - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled:

Do not allow escape into natural water or sanitary sewers. Absorb liquid material with inert absorbent and shovel

into containers

Waste Disposal Method:

Dispose of in accordance with local, state and federal authorities.

Precautions to Be Taken in Handling and Storing:

Keep containers closed tightly. **Keep out of reach of children**

**10 - Regulatory and D.O.T. Shipping Information**

Proper Shipping Name USA & INT'L: Not Regulated

Hazard Class: None

ID Number: Label Requirements:

Reportable Quantity: None

SARA, Title III: Reportable for Section 313 (form R): Glycol Ether 10%

Canada EPA DSL Inventory: Consult RhinoTech Inc. regarding status of ingredients.

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