

MATERIAL SAFETY DATA SHEET

Section I – Product and Company Information

Product Name: **DRO HEAVY DUTY DEGREASER**
Effective Date: 7/31/09
Company Information: Specialty Products of America
516 Monceaux Rd
West Palm Beach FL 33405
Company Phone: 561-209-1800
Emergency Phone: Info Trac 1-800-535-5053

Section II – Hazardous Ingredients

Component	CAS #	TLV (mg/M3)	% (in prod.)
Potassium hydroxide	1310-58-3	2	2
2-butoxyethanol	111-76-2	25	5

Section III – Health Hazard

Acute Effects of Overexposure:

Skin: Hazardous in case of skin contact. Harmful if absorbed through skin. Contact may cause irritation, redness, and defatting. Skin contact may produce burns.

Eyes: Hazardous in case of eye contact. Liquid in eye may cause irreversible damage including blindness.

Inhale: Hazardous in case of inhalation. Inhalation of spray mist may produce severe irritation of respiratory tract. Can cause nervous system depression.

Ingest: May be harmful if swallowed. May cause burns to mouth throat and stomach.

Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Repeated or prolonged contact with spray mist may produce chronic eye and skin irritation as well as respiratory tract irritation leading to frequent attacks of bronchial infection.

HMIS Codes: Health 3; Flam. 0; React. 0; Pers. Protection X

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

Section IV – First Aid Measures

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhale: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention at once.

Section V – Fire And Explosion Data

Flash Point (F) None

Flammable Limits: LEL: NA UEL NA

Fire Fighting Procedure: use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: NA

Section VI – Accidental Release Measures

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

Section VII – Handling And Storage

Section VII – Handling And Storage Procedures:

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mists. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Section VIII – Exposure Controls, Personal Protection

SECTION VIII Exposure Controls, Personal Protection:

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.
Protective Clothing: Waterproof protective gloves. Synthetic apron. Chemical resistant boots.
Respiratory: Use with adequate ventilation.

Section IX – Physical and Chemical Data

Boiling Point (F)	215
Specific Gravity:	1.02-1.06
pH:	12.7-13.1
VOC content (%)	5
Evaporation Rate (Bu acetate=1)	NA
vap. Pressure (mm Hg)	NA
Vap. Density	NA
Solubility in Water:	soluble
Appearance and Odor:	thin purple liquid with characteristic glycol odor.

Section X – Reactivity Data

Stability: Stable
Incompatibility: strong oxidizing agents, acids
Polymerization: Will not occur
Hazardous Decomposition: carbon monoxide, carbon dioxide

Section XI – Toxicological Information

Toxicity to animals

Potassium hydroxide
Oral (LD50) acute: 365 mg/kg Rat

2-butoxy ethanol
Oral (LD50) acute: 1746 mg/kg Rat
Dermal (LD50) acute: 680 mg/kg Rabbit
Vapor (LC50) acute 450 ppm 4 hours Rat female

Section XII – Ecological Information

Ecological Information - not available
Biodegradable/OECD – not available

Section XIII – Disposal Considerations

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.
Classification: hazardous waste

Section XIV – Transport Information

Proper shipping name Corrosive liquid, Basic, Inorganic, NOS (potassium hydroxide)
DOT classification 8
UN number UN3266

Section XV – Regulatory Information

SARA 313 toxic chemical notification and release reporting - 2-butoxyethanol
Clean Water Act (CWA) regulated substance –potassium hydroxide
Clean Air Act (CAA) 112 regulated toxic substances – 2-butoxyethanol

Section XVI – Other Information

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.