

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): PowerBoss Heavy Duty Degreaser, Part B
Product Class: Heavy-duty industrial cleaner/degreaser
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 910-944-2105
Distributor's Name and Address:
PowerBoss Inc.
175 Anderson Street
Aberdeen, NC 28315

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Surfactant CAS #218141-49-2	10 - 20
B	Alkyl-Imino Acid Sodium Salt CAS #64972-19-6	10 - 20
C	Tetrasodium EDTA, Tetrahydrate CAS #64-02-8	3 - 7
D	Water CAS #7732-18-5	30 - 50

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Red liquid, mild odor.

Primary Hazards: Irritant

Potential Health Hazards

Route(s) of Entry: Skin Absorption: Ingestion: X Inhalation:

Eye: May cause irritation on contact.

Skin: May cause irritation on contact.

Ingestion: May be harmful if swallowed.

Inhalation: No hazardous vapors.

Signs and Symptoms of Exposure: Irritation on direct contact.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s): Eyes and skin.

Medical Conditions Generally Aggravated by Exposure: N. Av.

Health Hazards, Chronic: N. Av.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, call a physician. **Skin Contact:** Flush skin thoroughly with cool water. Repeated and prolonged contact may cause skin irritation. **If Swallowed:** Do not induce vomiting. If person can swallow, give several glasses of water and call a physician immediately.

Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: No **Autoignition Temperature:** N. Av.

Flash Point (method used): None

Flammable Limits: N. Av. LEL UEL

Extinguishing Media: N. Av.

Water: **Foam X** **Water Fog**
Alcohol Foam: **CO₂ X** **Dry Chemical X**
Vaporizing Liquid? **Other?**

Special Fire Fighting Procedures: N. Av.

Unusual Fire and Explosion Hazards: N. Av.

TDG Flammability Classification: Non-flammable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

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

Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

Normal care in handling and storage.

Other Precautions: Keep out of reach of children. Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required

Ventilation: Local Exhaust: Not required **Special:** Not required

Mechanical (General): Normal good ventilation sufficient.

Other: Not required

Protective Gloves: Natural rubber or synthetic.

Eye Protection: Approved safety goggles or glasses. **Footwear:** Chemical resistant

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F (100°C)

Specific Gravity (H₂O) = 1: 1.03

Vapor Density (Air = 1): < 1

Evaporation Rate (Butyl Acetate = 1): N. Av.

Solubility in Water: Complete

Vapor Pressure (MM HG): N. Av.

Melting Point: N. Av.

pH: 11 - 12

% Volatile: 60 - 100

Odor Threshold: N. Av.

Oil/Water Distribution

Coefficient: N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X

Conditions to Avoid: N. Av.

Incompatibility (materials to avoid): N. Av.

Hazardous Decomposition or By-products: N. Av.

Hazardous Polymerization: May occur: Will not occur: X

Conditions to Avoid: N. Av.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	None	None	N. Av.	2 - 5 gm/kg (rat, oral)	N. Av.
B	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
C	None	None	N. Av.	1-5 gm/kg (rat, oral)	N. Av.
D	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No

Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

RCRA Hazard Class: None

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Compound, cleaning liquid, N.O.I.

UN Number: N. Av.

Packing Group: N. Av.

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms

Telephone Number: 651-481-1900

Date: 4/08

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: N. Av.

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: Immediate health hazard

Section 313 Toxic Chemicals: None

State Regulations

International Regulations

WHMIS Controlled Product Hazard Class: D, 2B

SECTION XVII - OTHER INFORMATION

None

N. Av. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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