

1. Identification**Product Identity:** Powersol 100 / HD Degreaser**Recommended Use:** Cleaner & Degreaser**Producer / Distributor**Powerboss
600 Cardigan Road
Shoreview, MN 55126**Telephone Number for Information:** 651-481-1900**Emergency Telephone Number:** 800-255-3924

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**2. Hazard Identification****Classification:****Health Class**Acute Toxicity Category 5
Skin Corrosion Category 1
Serious Eye Damage Category 1
Reproductive Toxicity Category 2
Specific Target Organ Toxicity Category 1**Physical Class****Environment Class**

Acute Aquatic Toxicity Category 3

Label**Symbols****Signal Word** Danger**Hazard Statements:**May be harmful if swallowed
Causes severe skin burns and eye damage
Suspected of damaging fertility or the unborn child
May cause damage to organs.**Precautionary Statements:**If Swallowed: Rinse mouth. Do NOT induce vomiting. Immediately Call a Poison Center or Doctor if you feel unwell.
Wear protective gloves/clothing/eye protection/face protection.
If On Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
If Inhaled: Remove person to fresh air and keep comfortable for breathing. : Immediately call a Poison Center or doctor if you feel unwell.
If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents/container in accordance with local regulations.
Do not handle until all safety precautions have been read and understood.
If exposed or concerned: Get medical advice/attention.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink, or smoke when using this product.
If exposed or concerned: Call a doctor.**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Sodium Hydroxide	1310-73-2	1 - 5
Sodium Metasilicate Pentahydrate	6834-92-0	1 - 5
Surfactant	218141-49-2	1 - 5
Alkyl-Imino Acid Sodium Salt	14960-06-6	1 - 5
Water	7732-18-5	60 - 100

4. First-Aid Measures:**Ingestion:** If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention.**Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.**Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.**Inhalation:** Move to fresh air.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Not Applicable
Special Fire Fighting Procedures: Not Applicable
Unusual Fire and Explosion Hazards None are known

6. Accidental Release Measures:

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

7. Handling and Storage:

Handling: Keep from freezing. Keep out of reach of children.
Storage: Normal care for storage.

8. Exposure Controls / Personal Protection:**Exposure Limits**

Ingredients	CAS Number	Osha PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	2 mg/M3	2 mg/M3

Exposure Controls

Engineering Controls: Normal good ventilation is sufficient

Personal Protective Equipment:

Eye Protection: Approved Safety Goggles or Glasses

Skin Protection: Chemical Resistant Rubber Gloves

Respiratory Protection: Not required, where ventilation is sufficient to maintain vapor levels below listed TLV

9. Physical and Chemical Properties:

Physical State: Liquid	pH: 13 - 14
Appearance: Red	Specific Gravity (H₂O = 1): 1.04
Odor: Mild	Flammability: None
Solubility: Complete	Flash Point: None
Evaporation Rate: NA	Boiling Point: > 212° F (100°C)
Vapor Pressure (MM HG): NA	%volatile: 60 - 100%
Vapor Density (Air = 1): < 1	

10. Stability and Reactivity:

Chemical Stability: Stable
Possibility of Hazardous Reactions: None are known
Incompatibility (Materials to Avoid): None are known
Hazardous Decomposition or By-products: None
Hazardous Polymerization: Will not Occur
Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.

Acute Effects:

Eye Contact: Severe Eye damage can result from direct contact.

Skin Contact: Causes severe skin burns

Inhalation: None Known

Ingestion: May be harmful if swallowed

Target Organ Effects: Skin, Eyes and Suspected of damaging fertility or the unborn child.

Chronic Effects: May cause damage to organs

Acute Toxicity Values:

Oral LD₅₀ 2000 - 5000 mg/kg

Dermal LD₅₀ 2000 - 5000 mg/kg

Inhalation (Vapor) LC₅₀ 20 - 50 mg/l

12. Ecological Information:

Persistence and Degradability: Not Available
Bio Accumulative Potential: Not Available
Mobility in Soil: Not Available
Aquatic Toxicity: Harmful to Aquatic Life

13. Disposal Considerations:

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:

UN Number: UN3266
Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)
Transport Hazard Class: 8
Packing Group: II
Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All ingredients listed
Clean Water Act: Sodium Hydroxide (1310-73-2) is listed in the Clean Water Act as a Hazardous Substance.
Clean Air Act: None of the chemicals in this product are listed under the CAA
CERCLA Reportable Quantity: Sodium Hydroxide (1310-73-2), >1000 lbs.
SARA Title III Information:
Section 302 Extremely Hazardous Chemicals: None Listed
Section 311 / 312 Hazard Category: Immediate Health
Section 313 Toxic Chemicals: None Listed
State Regulations: None
International Regulations: WHMIS Controlled Product Hazard Class: E

16. Other Information:

Prepared By: Eric Scholl
Telephone Number: 651-481-1900
Revision Date: 3/9/2015
Supersedes: 7/8/2013
This SDS applies to the following Part Numbers

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Health	1
Flammability	0
Physical hazards	0