

MATERIAL SAFETY DATA SHEET

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Prepared By: Technical Services
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SECTION 1 - PRODUCT IDENTIFICATION

Item Number: 1883
Product Name: Super Kleen Heavy Duty Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

| <u>Hazardous Component</u> | <u>CAS Number</u> | <u>% Range</u> | <u>OSHA PEL</u> | <u>ACGHI TLV</u> |
|----------------------------|-------------------|----------------|-----------------|------------------|
| 2-Butoxyethanol | 111-76-2 | 5 – 10 | 50ppm | 25ppm |
| Sodium Hydroxide | 1310-73-2 | 1 – 5 | | |

Listed as IARC, NTP, or OSHA Carcinogen:

HMIS Rating:

Health – 2 Fire – 0 Reactivity - 0 Personal Protection - C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 3 - PHYSICAL CHARACTERISTICS

| | |
|---------------------------------|----------------------------------|
| Boiling Point: 212° F | Vapor Pressure (mmHg @ 68F): N/A |
| Vapor Density: N/A | Solubility in Water: complete |
| Specific Gravity: 1.03 ±0.02 | Melting Points: N/A |
| % Volatile: 88.0 ± 0.5 | pH: 13.0 – 13.5 |
| Appearance/Odor: Dark Blue - EB | |

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point / Method: N/A
Flammable Limits: N/A LEL: N/A UEL: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

SECTION 5 - HEALTH HAZARD DATA

Signs and Symptoms of Exposure:

Eye: Prolonged contact can cause severe irritation, redness, tearing, blurred vision.

Ingestion: Harmful or fatal if swallowed.

Skin: Severe irritation, burning sensation.

Breathing: Irritation to the respiratory system, nausea, headache.

Medical Conditions Aggravated by Exposure: Irritation to the eyes, skin, respiratory system.

Emergency & First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes, get medical attention.

Skin: Wash affected area with soap and water. If skin is damaged, get medical attention.

Ingestion: DO NOT induce vomiting. Rinse mouth with water for several minutes and get medical attention.

Breathing: Remove individual to fresh air, get medical attention.

SECTION 6 - REACTIVITY DATA

Stability: Stable.

Materials to Avoid: Oxidizing agents.

THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH. HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS MADE.
ANY USE OF THIS PRODUCT THAT IS NOT IN CONFORMANCE WITH THIS MSDS IS THE SOLE RESPONSIBILITY OF THE USER.

Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: N/A

Conditions to Avoid: Mineral acids, Oxidizing agents.

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if Material is Spilled or Leaked: Pick up excess with a wet/dry vac. Rinse with water and allow to dry.

Waste Disposal: Dispose of in accordance with federal, state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Ventilation: Use with adequate ventilation.

Respirator Protection: If required a properly fitted NIOSH/MSHA approved respirator rated for hazardous ingredients found in section 2.

Skin Protection: Wear approved Nitrile gloves.

Eye Protection: Safety glasses with side shields.

Precautions to be taken in Handling and Storage: Wear proper Gloves, glasses and safety shoes.

Special Storage Requirements: Keep in a dry environment.

SECTION 9 - REGULATORY INFORMATION

D.O.T. REQUIREMENTS (49CFR 172.101): Not regulated

RQ (Reportable Quantity) 49 CFR 172.101:

TSCA (Toxic Substance Control Act) Status:

CERCLA RQ-40CFR 302.4:

SARA 302 COMPONENTS – 40CFR 355 Appendix A:

SECTION 311/312 HAZARD CLASS – 40CFR 370.2:

Immediate (X) Reactive () Delayed (X) Fire () Sudden release of pressure ()

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

| Ingredient | Max. % By Wt. | LD50 | LC50 |
|------------------|------------------|-------|-------|
| 2-Butoxy Ethanol | 5 – 10 | 50ppm | 25ppm |
| Sodium Hydroxide | 1 – 5 | | |