



Smokleen

Heavy Duty Cleaner

FEATURES:

- Concentrated, self-foaming, high alkaline cleaner.
- Special proprietary blend of surfactants.
- Contains wetting agents and water conditioners.
- Approved for use in Registered Establishments.

BENEFITS:

- Single product application.
- Especially effective for removal of grease and smoke deposits.
- Enhanced foaming and detergency properties.
- Film free rinsing.
- Easy dispensing and controllability for cost effectiveness.

SMOKLEEN

Heavy Duty Cleaner

PACKAGE:

Pails or cases

PHYSICAL DATA:

Appearanceclear liquid
Color..... dark brown
Foam high
Odor mild, indistinct
pHstrong alkaline

STORAGE/HANDLING:

Keep out of reach of children. Any contact to eyes, skin or inhalation may cause severe irritation and/or burns. Protect eyes and wear protective clothing when handling. Avoid mixing with acids or prolong contact with aluminum, zinc and their alloys.

FIRST AID:

Eyes - wash well with water for 15 minutes, with eyelids open. If irritation develops contact a physician.

Skin - wash well with water or dilute vinegar for 10 minutes. Remove contaminated clothing. If irritation develops contact a physician.

Inhalation - this product contains no volatile ingredients.

Ingestion - give plenty of water or fruit juice to drink. **Do not induce vomiting.** Get medical attention.

DESCRIPTION:

Smokleen is a smokehouse and bottle cleaner..

USES:

Smokleen is formulated to remove grease and smoke deposits from smoke houses in the packing industry. The proprietary blend of surfactants provides exceptional foaming and detergency.

USAGE:

Bottle Washing: Use 3 to 6 litres of **Smokleen** for each 100 litres of water (3 to 6 gallons per 100 gallons of water.)

Smoke House Cleaning: Use 18 to 35 ml **Smokleen** per litre of water. (3 to 6 fluid ounces per gallon of water). If additional foam is required, add foam aid.

For further information, please review the MSDS and Product Label or consult your Maxim Representative.

MATERIAL SAFETY DATA SHEET

**MANUFACTURER: MAXIM CHEMICAL INTERNATIONAL LTD.
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SECTION (1): PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: SMOKLEEN

PRODUCT USE: SMOKEHOUSE AND BOTTLE CLEANER

WHMIS CLASSIFICATION: E

**TDG CLASSIFICATION: Sodium Hydroxide Solution, UN 1824, Class 8,
Packing Group II**

SECTION (2): HAZARDOUS INGREDIENTS

	<u>CAS #</u>	<u>Range % (by weight)</u>
Sodium Hydroxide	1310-73-2	30.0-50.0
Exposure Limits:	ACGIH TLV 2 ppm	
LD50 (oral, rat):	340 mg/kg	
LD50 (dermal):	1350 mg/kg	
LC50:	Not available	

SECTION (3): PHYSICAL DATA (Typical values. May vary from sample to sample)

Physical State:	Liquid
Appearance and Odour:	Brown liquid with not distinct odour.
Boiling Point:	Not Determined
Specific Gravity:	1.50
Solubility in Water:	Soluble
pH:	13.4 (3.1% solution)
Odour Threshold:	No data
Vapour Pressure:	Not Determined
Vapour Density:	Not Determined
Evaporation Rate:	Not Determined
Freezing Point:	Not Determined
Coefficient of Water/Oil Distribution:	Greater than 1.0

SECTION (4): FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed cup):	None to boiling
Extinguisher Media:	Product not flammable. Use extinguishing media suitable for surrounding fires.
Special Fire Fighting Procedures:	Wear full protective equipment and use a NIOSH/MSHA approved self contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed containers.
Unusual Fire and Explosion Hazard:	None known
Flammable Limits:	Not known
Auto-ignition Temperature:	Not known
Conditions of Flammability:	Not known
Explosion Data:	
Sensitivity to Mechanical Impact:	None
Sensitivity to Static Discharge:	None

SECTION (5): REACTIVITY DATA

Stability:	Stable
Incompatibility (Materials to avoid):	Strong acids, oxidizers.
Hazardous Decomposition Product:	Carbon dioxide. Hydrogen (flammable) gas may be liberated with some metals (aluminum, zinc, tin, lead)
Hazardous Polymerization:	Will not occur

SECTION (6): TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY INFORMATION:	Skin and eyes contact, inhalation.
Irritancy:	Corrosive to eyes, skin and respiratory system.
Effects of Accute Exposure to Product:	Product exposure will irritate and burn skin and eyes. Inhalation of vapours/mists may cause irritation of respiratory system and inflammation of the lungs. Ingestion of undiluted product will be corrosive to digestive tract and may be fatal.
Effect of Chronic Exposure to Product:	Repeated exposure to concentrated product will cause skin damage.
Exposure Limits:	See Section (2) under Hazardous Ingredients.
Sensitization to Product:	Not known
Carcinogenicity:	None known

SECTION (6): TOXICOLOGICAL PROPERTIES (cont'd)

Reproductive Toxicity:	None known
Teratogenicity:	None known
Mutagenicity:	None known
Name of Toxicologically Synergistic Product:	None known

SECTION (7): PREVENTATIVE MEASURES

Respiratory Protection:

None required. If product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.

Ventilation:

Use with good general ventilation.

Protective Gloves:

Use rubber or plastic gloves when handling the concentrated product.

Eye Protection:

Goggles or face shield.

Disposal Procedures for Spills or Leaks:

Wear protective equipment. Dike and contain large spills. Pump spill into an approved waste container. For small spills soak up with a suitable absorbent and dispose into an approved waste container. Keep material away from sewers and natural waters.

Waste Disposal Method:

Reuse if possible, or otherwise dispose recovered material in accordance with all local, provincial or federal regulations.

Other Precautions:

Use good industrial hygiene. Do not get into eyes, on skin or clothing. Do not breathe vapor/mists. Keep container closed when not in use. Store in a cool, dry place away from incompatibles. Store at temperature below 30° C and keep from freezing.

SECTION (8): FIRST AID PROCEDURES

EYES: Flush with plenty of water for 15 minutes. Get medical attention.

SKIN: Wash well with plenty of water for 15 minutes. If skin irritation develops contact a physician.

INHALATION: Remove to fresh air.

INGESTION: Give plenty of water to drink. Do not induce vomiting. Call a physician.

SECTION (9): PREPARATION INFORMATION

Prepared by Technical Advisory services. Phone: (306) 347-0444

Date: January 2, 2010

Revised: January 6, 2015

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