

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

KEY 010

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	MKG Sales Associates, Inc.	Emergency Phone	(609) 953-4700
Address	130 Miller Road - Medford Industrial Park Medford, NJ 08055		
Trade Name	HEAVY DUTY STEAM CLEANER	Product Type	Heavy Duty Steam Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
2-Butoxyethanol *	111-76-2	1-5	50 ppm(skin)TWA (OSHA);20
Sodium Hydroxide	1310-73-2		2mg/m3(ceiling)(OSHA); 2mg/m3

SARA HAZARD TITLE III,SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED PERCENTAGES

Other ingredients in this product are : ☒ Less than 1% by weight or less than 0.1% for carcinogens ☒ Not hazardous ☒ Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	near 212	Specific Gravity(H2O=1.0) (± 0.005)	1.040	pH(CONC)Over 14	pH(1:20)2.0 to 12.3
Vapor Pressure(mm Hg)	Unknown		Vapor Density(Air=1)Unknown		
Solubility in water	<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Insoluble	<input type="checkbox"/> Emulsifiable (or Dispersible)	<input type="checkbox"/> Slight (or Partial)	
Evaporation Rate(vs. H2O)	<input type="checkbox"/> Faster		<input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same	

Appearance and Odor Slightly viscous liquid, "butyl odor"

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	Upper	Unknown	Lower	Unknown
Extinguishing Media	CO ₂ , dry chemical, foam, water spray.					
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.					
Unusual Fire and Explosion Hazards	None known.					

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms	Prolonged/repeated contact of concentrated product with skin/eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is of Overexposure not employed. Contains materials which penetrate skin readily. Ingestion, prolonged or widespread contact of product of concentrate may (Acute) result in potentially harmful absorption. Nausea/dizziness may result from breathing vapors of concentrate in enclosed/confined spaces,
Signs and Symptoms of Overexposure(Chronic)	None known
Medical Conditions Aggravated by Overexposure	None known
Carcinogen/Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. Call a physician.
Skin	Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.
Ingestion	If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.
Inhalation	Remove exposed person to fresh air. Treat symptomatically. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not needed under normal conditions of use.
Ventilation Requirements	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other
Protective Gloves	Rubber
Eye Protection	Safety glasses/goggles
Other Protective Clothing	May be needed where likely exposure may occur

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Don't get in eyes, on skin, or on clothing. Avoid breathing vapors or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product,if diluted, under conditions of ordinary use.

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DATE PREPARED August 4, 2005