

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-3; Flammability-0; Reactivity-0; Special- Alkaline		HMIS Rating: Health-3; Flammability-0; Reactivity-0; Personal Protection-B				
Manufacturer's Name: VERAX CHEMICAL CO. Address: 20102 Broadway Ave. Snohomish, WA 98296		DOT Hazard Classification: Not Hazardous Identity (trade name as used on label): GRILL MASTER Grill Cleaner				
Date Prepared: 04/23/2003 Prepared By: GP		MSDS Number: GRM Revision -2				
Information Calls: (425) 481-5353 EMERGENCY RESPONSE NUMBER: 1(425)481-5353		NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA				
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		Hazard	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Potassium Hydroxide		Corrosive			2 g/cu mtr	
Triethanolamine						
Nonylphenol						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: Above 212°F		Specific Gravity (H2O=1): 1.17				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (mm Hg and Temperature): N/A				
Vapor Density (Air = 1): 1		Evaporation Rate (water = 1): N/A				
Solubility in Water: Complete		Melting Point N/A				
Appearance and Odor: Red liquid.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
FLASH POINT AND METHOD USED (non-aerosols): 340°F TCC		EXTINGUISHER MEDIA: Use water or Foam.				
SPECIAL FIRE FIGHTING PROCEDURES: None						
Unusual Fire & Explosion Hazards: None						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR				
Incompatibility (Mat. to avoid):		Conditions to Avoid:				
Hazardous Decomposition Products:						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS: Strongly corrosive. Can cause skin and eye damage or burns if contacted. Heated or sprayed vapor may irritate respiratory tract. Ingestion: May cause burns to mouth and throat.						
CHRONIC EFFECTS: None Known.						
Carcinogens: None Known to be present						
Signs and Symptoms of Exposure: Irritation to eyes, skin, burning to mucous membranes if ingested. Fumes will cause irritation to the nose, lungs if inhaled.						
Medical Conditions Generally Aggravated by Exposure: May irritate any skin or existing respiratory problems.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes while lifting eyelids. Get medical attention.						
Skin Contact: Immediately flush with water while removing contaminated clothing. Neutralize with dilute vinegar or lemon juice. Follow by washing with soap and water. Launder clothing before re-use. If irritation persists, get medical attention.						
Inhalation: Remove to fresh air. If not breathing give artificial respiration and call a physician.						
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Follow with lemon juice. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Use only in well ventilated areas.						
Protective Gloves: Required.		Eye Protection: Splash goggles or face shield.				
Ventilation Requirements: Normal room ventilation is generally adequate.						
Other Protective Clothing & Equipment: Do not wear clothes soaked by product.						
Hygienic/Work Practices: Ordinary good housekeeping procedures. Wash hands thoroughly after handling and before eating or using restroom facilities. Avoid food contamination. Read product directions before use.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Small spills should be flushed with plenty of water. Larger spills should be collected for disposal in class one disposal facility. Caution: Spilled material may be slippery.						
Waste Disposal Methods: Under EPA's Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA - "Superfund"), this product is not by EPA's definition a toxic chemical and its flashpoint is above 140°F. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with any applicable local, state, and federal regulations.						
Precautions To Be Taken In Handling & Storage: All normal precautions. Avoid food contamination.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Spilled material may be slippery.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only