

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) *Dimension 3*
CMD-19-1, CMD-19-5, CMD-19-55, CMD-19Q

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name <i>Crow Marketing & Distribution, Inc.</i>	Emergency Telephone Number <i>800-255-3924</i>
Address (Number, Street, City, State, and ZIP Code) <i>P. O. Box 29171, Dallas, TX 75229</i>	Telephone Number for Information <i>214-241-3049</i>
	Date Prepared <i>11-11-91 REVIEWED 9-18-2006</i>
	Signature of Preparer (Optional)

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH	Other Limits Recommended	% (optional)
<i>TLV KOH, CAS#1310-58-3, NA1813, Potassium Hydroxide (Corrosive) 45% wt.</i>	<i>2PPM mg</i>	<i>2PPM mg</i>		<i>35</i>

HMIS INFORMATION

Health	2
Reactivity	1
Flammability	0

Section III -- Physical/Chemical Characteristics

Boiling Point	<i>221°F</i>	Specific Gravity (H ₂ O = 1)	<i>1.2</i>
Vapor Pressure (mm Hg.)	<i>N/A</i>	Melting Point	<i>N/A</i>
Vapor Density (AIR = 1)	<i>N/A</i>	Evaporation Rate (Butyl Acetate = 1)	<i>N/A</i>

Solubility in Water

Complete

Appearance and Odor

Amber color liquid, characteristic odor

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) <i>N/A</i>	Flammable Limits <i>N/A</i>	LEL <i>N/A</i>	UEL <i>N/A</i>
---	--------------------------------	-------------------	-------------------

Extinguishing Media

N/A

Special Fire Fighting Procedures

Use water to cool containers exposed to fire. Water reactive material, e.g. aluminum may result in the generation of flammable hydrogen gas.

Unusual Fire and Explosion Hazards

N/A

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid <i>N/A</i>
	Stable	X	

Incompatibility (*Materials to Avoid*)
Acids, nitrogen containing organics, carbohydrates, phosphorous, explosives, tin, zinc, aluminum, organic peroxide,

Hazardous Decomposition or Byproducts
Will not decompose

Hazardous Polymerization	May Occur		Conditions to Avoid <i>N/A</i>
	Will Not Occur	X	

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
Yes *Yes* *Yes*

Health Hazards (*Acute and Chronic*)
N/A

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
N/A *N/A* *N/A*

Not known to be a carcinogen by IARC, OSHA, NTP, or EPA

Signs and Symptoms of Exposure
Irritation to eyes, nose, throat and mouth causing shortness of breath. Skin: irritation or burns characterized by redness, swelling and forming of scab.

Medical Conditions
Generally Aggravated by Exposure *N/A*

Emergency and First Aid Procedures
EYES: Flush with large amount of water for 15 minutes. Call physician; INHALATION: Move to fresh air, if headache or dizziness persist, call physician; INGESTION: Drink large amounts of water DO NOT INDUCE VOMITING. Call physician at once. (Product listed on Micromedex Poisindex #335-9589 CMD19.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
A spill of 4,000 gal or more must be reported to DOT. Contain spill, keep away from ground water sources, neutralize as soon as possible.

Waste Disposal Method
Neutralize, dilute with water or flush down sanitary sewer only.

Precautions to Be Taken in Handling and Storing
N/A

Other Precautions
N/A

Section VIII -- Control Measures

Respiratory Protection (*Specify Type*)
NIOSH/MSHA Inorganic acid vapor. Approved respirator as necessary for excessive exposure.

Ventilation	Local Exhaust <i>Advised</i>	Special
	Mechanical (<i>General</i>)	Other

Protective Gloves Eye Protection
Neoprene *Face shield*

Other Protective Clothing or Equipment
Boots, apron

Work/Hygienic Practices
Do not eat or smoke while using, wash all contaminated clothing before reusing.