

30942 Page 1

MATERIAL SAFETY DATA SHEET

Product Name or Number (as it appears on the label)
Drano

Section I - Product Identification

Manufacturer's Name	Date
Drackett Products Company	10-29-85
Address (No, Street, City, State & Zip Code)	Emergency Telephone No.
5020 Spring Grove Avenue	(513) 632-1500
Cincinnati, OH 45232-1988	Telephone No. for Information
Material Safety Data Sheet ID #163010	(513) 632-1500

Section II - Hazardous Ingredients

Hazardous Components (Specific Chemical Identity, Common Name)	OSHA Pel	Acgih Tlv	Other Limits	% Optional
Sodium Hydroxide Cas# 1310-73-2	2mg/m3	2mg/m3	N/E	<40

Nfpa 704: Health-3 Flammability-0 Reactivity-1

This product is labeled on accordance with regulations administered by the Consumer Product Safety Commission &/or the Environmental Protection Agency in that the use pattern & exposure in the workplace is generally consistent with that experienced by consumers. In certain respects the requirements of the Occupational Safety & Health Administration applicable to the drafting of this material safety data sheet may differ from the requirements of those agencies & as a result, this msds may contain additional information to that found on the label.

Section III - Physical Data

Boiling Point 248f c	Specific Gravity (H2O=1)
% volatile by volume 93	1.35
Vapor Pressure N/A	Melting Point
@ F C Hg psi	N/A
Vapor Density (Air=1)	Evaporation Rate
N/A	N/A
Solubility in Water	Appearance and Odor
100%	Yellow Liquid with Ammonia Odor

Section IV - Fire & Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A			

Extinguishing Media

If involved in fire, use water, dry alcohol-type or all purpose foam, dry chemical, carbon dioxide or other class b extinguishing agents.

Special Fire Fighting Procedures

Full protective equipment, including pressure demand self-contained breathing apparatus & turnout equipment should be worn by firefighters & others exposed to combustion by-products.

Unusual Fire and Explosion Hazards

N/A

30942

30942 page 2

Section V - Reactivity Data

Stability	Conditions to Avoid
Unstable	N/A
Stable X	
Incompatibility (Materials to Avoid)	
Ammonia, Chlorine Compounds-Bleach, Acids	
Hazardous Decomposition of Byproduct	
N/A	
Hazardous Polymerization	Conditions to Avoid
May Occur	
Will not Occur X	N/A

Section VI - Health Hazard Data

Route(s) of Entry	Inhalation_x_	Skin_x_	Ingestion_x_	Other (Specify)	Eyes
Health Hazards (Acute and Chronic)					
Corrosive: may be fatal or cause permanent esophageal or gi tissue damage.					
Carcinogenicity	Ntp	IARC Monographs	OSHA Regulated		
N/A					
Signs and Symptoms of Exposure					
Skin & eye contact-severe pain & tissue damage. Ingestion-burns on mouth & tongue & esophageal & gastrointestinal tissue damage. spontaneous vomiting may occur.					
Medical Conditions Aggravated by Exposure					
None known.					
Emergency and First Aid Procedures					
Immediately give first aid! Eyes-rinse immediately with water. Remove contact lenses; then flush eyes with water for 20 minutes. If swallowed-rapidly rinse mouth. Then immediately drink a glassful of milk or water. Do not induce vomiting. Skin-remove affected clothing. Flush with water for 15 minutes. Then call emergency room, poison center or physician.					

Section VII - Precautions for Safety Handling and Use

Steps to be Taken in Case Material is Released or Spilled
In case of spill or leak do not use water. Soak up with sand or soil. Keep dry & remove to authorized disposal site. Keep out of sewers.

Waste Disposal Method
Dispose only in accordance with applicable Federal, state & local laws & regulations.

Precautions to be Taken in Handling and Storing
Store in a cool, dry place. Do not mix or use with any other chemicals or drain openers.

Other Precautions
None

Sections VIII - Control Measures

Respiratory Protection (Specify Type)		
N/A		
Ventilation	Local Exhaust	Special
N/A		

	Mechanical (General)	Other
Protective Gloves		Eye Protection
Impervious		Chemical Splash Goggles
Work/Hygienic Practices		
Avoid contact with skin, eyes & clothing. Eye wash & body flush facilities should be available at the work place.		

□