

MATERIAL SAFETY DATA SHEET
SECTION I. IDENTIFICATION OF PRODUCT

Name: CAUSTIC FLOOR CLEANER 0018
Identity: Floor Cleaner MSDS Number: 0018 Date: 11/17/2004 Supersedes: 5/15/2003
TOXICITY: 2 FIRE: 0 REACTIVITY: 1 PROTECTION: C

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
Butyl Carbitol	112-34-5	NE	NE	
Sodium Hydroxide	1310-73-2	2mg/m3	2mg/m3	<5

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F	Specific Gravity: 1.075	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation (H2O = 1):<1	Water Solubility: Complete	pH @ 77° F: 13.5 +/- 0.5
			VOCgm/L: 59

Appearance and Odor: Emerald green liquid, mild aromatic odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): None	% LEL: ND	% UEL: ND	Flammable Limits: ND
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Extinguishing Media: Appropriate to fire fuel source

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.

Unusual Fire and Contact with aluminum may liberate hydrogen gas

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? Yes EYES? Yes SKIN? Yes INGESTION? Yes

(Acute) Health Hazards:

Eyes: Corrosive. Causes eye burns. May cause permanent damage

Skin: Causes skin irritation. Prolonged/repeated contact may cause itching and local redness.

Ingestion: May cause burns to the mouth, throat, esophagus, and stomach.

Inhalation: May produce irritation of eyes, nose, or upper respiratory tract with coughing and sore throat.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Burning, irritation, permanent damage if not treated promptly

Skin: Causes skin burns. It may not produce an immediate burning sensation upon skin contact.

Ingestion: Immediate intense burning in mouth

Inhalation: Occasional mild irritation effects to nose and throat may occur.

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

Emergency First Aid Procedures:

Eyes: Immediately flush eyes with large amounts of water for about 15 minutes. Hold eyelids apart during the flushing to ensure thorough rinsing.

Skin: Immediately flush all affected areas with large amount of running water for at least 15 minutes. Remove and discard contaminated clothing and shoes. Get medical attention.

Ingestion: Do not induce vomiting. If conscious, give large quantity of water. Do not give anything by mouth to an unconscious person. Obtain medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

SECTION VII. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Water reacts vigorously and violently with all common chemicals.

Hazardous Decomposition Byproducts: Thermal decomposition may include toxic & corrosive fumes of ammonia

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Contain material with dike or barrier. Do not let material enter sewers

Large Spills: Mop up. Neutralize traces with dilute inorganic acids. Material can be removed with vacuum truck.

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

SECTION IX. CONTROL MEASURES

Respiratory Protection: NIOSH approved, air purifying

Ventilation: Recommended if generating mist or vapors

Local Exhaust: If needed to keep materials below PEL

Mechanical (General): Not normally indicated unless mist is generated

Protective Gloves: Impervious

Eye Protection: Chemical safety goggles

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

NOT REGULATED

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Available

NE - Not Established

ND - Not Determined