

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)

Castex Pretreat 1803

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

Manufactured for: Castex Industries, Inc.	Emergency Telephone Number 312-523-8320
Address (Number, Street, City, State, and ZIP Code) 4240 Blue Star Hwy.	Telephone Number for Information 312-523-8320
Holland, MI 49423	Date Prepared November 18, 1986
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Petroleum Distillate	Cas No. 8030-30-6	500ppm		< 6%
2-Butoxyethanol	Cas No. 111-76-2	50ppm	Skin	< 25%

MS DS
 SENT TO
 SAFETY OFFICER
 DATE 12/21/88

Section III—Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	.90
Vapor Pressure (mm Hg.)	n.a.	Melting Point	n.a.
Vapor Density (AIR = 1)	n.a.	Evaporation Rate (Butyl Acetate = 1)	n.a.
Solubility in Water	100%		
Appearance and Odor	Clear, thin liquid, floral odor.		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	105°F (TCC)	Flammable Limits Unknown	LEL 1.0	UEL 6.0
Extinguishing Media	Water fog, foam, CO ₂ , dry chemical.			
Special Fire Fighting Procedures	None			
Unusual Fire and Explosion Hazards	None			

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) **None**

Hazardous Decomposition or By-products **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry **Eyes** Inhalation? Skin? Ingestion? **X**

Health Hazards (Acute and Chronic) **May cause burns to skin and eyes. May be harmful if swallowed.**

Carcinogenicity: **None** NIP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure **Eyes - burning. Ingestion: gastro intestinal irritation.**

Medical Conditions Generally Aggravated by Exposure **n.a.**

Emergency and First Aid Procedures **In case of contact, flush with water for 10 minutes. If swallowed, do not induce vomiting. Call physician.**

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled **Absorb on clay or rags.**

Waste Disposal Method **Sanitary land fill. Check with Federal, Local and State regulations. for identification and quantity requirements.**

Precautions to Be Taken in Handling and Storing **Keep away from sparks or flame.**

Other Precautions **Keep out of the reach of children.**

Section VIII— Control Measures

Respiratory Protection (Specific Type) **None**

Ventilation	Local Exhaust	Recommended	Special
	Mechanical (General)	n.a.	Other

Protective Gloves **Optional** Eye Protection **Optional**

Other Protective Clothing or Equipment **None**

Work/Hygienic Practices **Store in closed containers at ambient temperatures.**