

**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 Concorde Cleaning Agent 1802

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. Holland, MI 49423	Telephone Number for Information 312-523-8320
	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)
Ethyl Alcohol	Cas No. 64-17-5	1000ppm		< 2%
Dimethyl Benzyl Ammonium Chlorides	Cas No. 139-08-2	Unknown		< 8%

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

**Section III—Physical/Chemical Characteristics**

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.04
Vapor Pressure (mm Hg.)	Unknown	Melting Point	n.a.
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water	100%		
Appearance and Odor	Thin clear yellow liquid, lemon odor.		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	None	Flammable Limits	n.a.	LEL	n.a.	UEL	n.a.
Extinguishing Media	n.a.						
Special Fire Fighting Procedures	n.a.						
Unusual Fire and Explosion Hazards	n.a.						

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) **Strong oxidizers**

Hazardous Decomposition or By-products **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI—Health Hazard Data**

Rout(s) of Entry	Eyes	Inhalation?	Skin? X	Ingestion? X
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Health Hazards (Acute and Chronic) **May cause burns to skin and eyes. Harmful if swallowed.**

Carcinogenicity:	None	NIP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure **Eyes and skin: burning. Ingestion: gasro intestinal irritation.**

Medical Conditions Generally Aggravated by Exposure	Unknown
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Emergency and First Aid Procedures **In case of contact, flush with water for 10 minutes. If swallowed, give volumes of water, milk, or demulcents. Call phyisician.**

**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.**

Precautions to Be Taken in Handling and Storing **Avoid prolonged skin contact.**

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

**Section VIII— Control Measures**

Respiratory Protection (Specific Type) **None**

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

Protective Gloves **Recommended** Eye Protection **Recommended**

Other Protective Clothing or Equipment **None**

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