

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 Brown-Ex 1807	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.
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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)
Oxalic Acid Cas No. 144-62-7		1mgm ³		<5%

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)	1.02
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	Thin clear, slight amber liquid, lime 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) Alkalines			
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?	Ingestion?
Health Hazards (Acute and Chronic) May cause burns to skin and eyes. May cause irritation if swallowed.				
Carcinogenicity:	None	NIP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure Eyes and skin: burning. Ingestion: gastro intestinal irritation.				
Medical Conditions Generally Aggravated by Exposure Unknown				

Emergency and First Aid Procedures In case of contact, flush with water for 10 minutes. If swallowed, give bicarbonate of soda.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled	Mop up, rinse with water.
Waste Disposal Method Flush into sanitary sewer system. Check with Federal, Local and State regulations.	
Precautions to Be Taken in Handling and Storing	Avoid prolonged contact.
Other Precautions	Keep out of the reach of children.

Section VIII— Control Measures

Respiratory Protection (Specific Type) None			
Ventilation	Local Exhaust	n.a.	Special n.a.
	Mechanical (General)	n.a.	Other n.a.
n.a.			
Protective Gloves	Optional	Eye Protection	Recommended
Other Protective Clothing or Equipment None			
Work/Hygienic Practices No other special procedures.			