



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Amberclean 455
Chemical names, common names: Mixture, Hurst Cleaner FR
Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2500 San Fernando Rd, Los Angeles, CA 90065
DOT CLASSIFICATION: COMPOUND, CLEANER NOIBN
For Product Information, call : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Number</u>	<u>Exposure Limits in Air</u> <u>ACGIH (TWA)</u>	<u>OSHA (PEL)</u>
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Does not contain materials considered hazardous per 29 CFR 1910.1200

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

<u>Listed Ingredients</u>	<u>CAS Number</u>	<u>Weight % Range</u>
None	None	None

III. PHYSICAL PROPERTIES

Vapor density (air= 1): Approx. 1 Specific Gravity: 0.93 gm/ml Density: 7.75 lb/gallon
Solubility in water: Forms an emulsion VOC Composite Partial Pressure, mm Hg at 20°C: 2
Evaporation rate (Bu Ac=1): Approx. 0.1 Boiling Range °F: Approx. 300
PH= NA
Appearance and odor: Clear liquid, yellowish color, mild odor
Volatile Organic Content (VOC, ASTM Method D2369): 1.55 lbs/gal. (PPG)

IV. FIRE AND EXPLOSION

	<u>HAZARD RANKING</u>		
HMIS	Health Hazard=0	0=Least	4=Extreme
HAZARD	Flammability=2	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other = -	3=High	

Flash Point °F: > 200 Flammable class: IIIB
Flammable limits in air, volume%: lower Not Established upper Not Established
Fire extinguishing materials: Yes water spray Yes carbon dioxide Yes foam
Yes dry chemical No other

Special firefighting procedures: The product is not flammable.
Unusual fire and explosion hazard: None.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Not a normal route or entry.
Contact with skin or eyes: This material may cause skin and eye irritation. Direct contact may cause redness, tearing & burning of the eyes. Possible irritation on prolonged skin contact.
Absorbed through skin: No data available of harmful effects through skin absorption.
Swallowed: Ingestion can cause nausea, vomiting and gastrointestinal irritation.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -**Acute:**

Inhaled: Not a normal route of entry.

Contact with skin or eyes: This material may cause skin and eye irritation. Direct contact may cause redness, tearing & burning of the eyes. Possible irritation on prolonged skin contact.

Absorbed through skin: No data available of harmful effects through skin absorption.

Swallowed: Ingestion can cause nausea, vomiting and gastrointestinal irritation.

Chronic: N/A

FIRST AID: EMERGENCY PROCEDURES -

Eye Contact: For direct contact, hold eyelids apart and flush the affected eye (s) with clean water for 15 minutes, If irritation or redness develops, seek medical attention.

Skin Contact: Remove contaminated clothing, cleanse affected area(s) thoroughly by washing with mild soap & water. If irritation or redness develops, seek medical attention.

Inhaled: N.A.

Swallowed: Give two glasses of water. Induce vomiting. Consult a physician.

COMMENTS: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.

VI. REACTIVITY DATA

Stability: Stable under ordinary use & storage. 1 year at ambient temperature. Avoid freezing & excessive temperature.

Incompatibility (materials to avoid): N.A.

Hazardous Decomposition products (including combustion products): Oxides of carbon on incineration.

Hazardous polymerization: Will not occur.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: For small spills, wipe up, use absorbent pads. Keep out of drains, sewers or waterways. Use sand or other inert material to dam and contain spill.

Preparing wastes for disposal: Dispose of product in accordance with local ordinance. Dispose of empty containers by flushing thoroughly with water before discarding.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Normal shop ventilation is adequate.

Respiratory Protection: Not normally needed.

Eye Protection: Not normally needed.

Gloves: Not normally needed.

Other clothing and equipment: Not normally needed.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use good personal hygiene practice.

Hurst Chemical Company furnishes Material Safety Data Sheets based upon information from raw material suppliers.

This information is provided in compliance with Federal Regulation 29CFR 1910.

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Prepared By: D. C. Atkins and Son, Inc