


MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards 	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center;">HMIS HAZARD RATINGS</th> </tr> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 16.5%;">2</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 17.5%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>2</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> <tr> <th colspan="4" style="text-align: center;">TRANSPORTATION INFORMATION</th> </tr> <tr> <td>PROPER SHIPPING NAME:</td> <td colspan="3">Limited packaging exemption</td> </tr> <tr> <td>HAZARD CLASS / PKG GRP:</td> <td>Exempt</td> <td>REF:</td> <td>49 CFR 173.150, .203, .241</td> </tr> <tr> <td>IDENTIFICATION NUMBER:</td> <td>None</td> <td>LABEL:</td> <td>None</td> </tr> </table>	HMIS HAZARD RATINGS				HEALTH	2	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	2	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE		TRANSPORTATION INFORMATION				PROPER SHIPPING NAME:	Limited packaging exemption			HAZARD CLASS / PKG GRP:	Exempt	REF:	49 CFR 173.150, .203, .241	IDENTIFICATION NUMBER:	None	LABEL:	None
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SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) MASTERCHEM™ A/C DYE	Page 1 of 2
MANUFACTURER'S NAME Santech Industries, Inc.	EMERGENCY TELEPHONE NUMBER Chemtrec (800) 424-9300
ADDRESS (NUMBER, STREET, P.O. BOX) 2450 Handley Ederville Rd. (CITY, STATE AND ZIP CODE) Ft. Worth, TX 76118-	TELEPHONE NUMBER FOR INFORMATION (817) 589-1212 DATE PREPARED: February 17, 2000 SUPERSEDES: New

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS <small>(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))</small>	CAS #	% <small>(OPTIONAL)</small>	OSHA PEL		ACGIH TLV		SARA TITLE III	RQ LBS
			PPM	MG/M ³	PPM	MG/M ³		
Trade Secret (a)								

(a) The specific product is not identified due to "Trade Secret" status. In emergency situations further information may be obtained by the on - duty physician calling the emergency information number listed above. Reference 29 CFR 1910.1200 and / or 40 CFR 350.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: None expected, however, certain individuals may be sensitized and experience minor nausea or headaches. Inhalation of airborne mist could be damaging to the lungs.	Remove victim to fresh air; if symptoms persist seek medical attention.
SKIN: None expected, however, prolonged contact may cause irritation.	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
EYES: This product is an eye irritant. Contact with the eyes will cause irritation.	Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
INGESTION: May cause gastric distress, vomiting and diarrhea. Any material aspirated during vomiting may cause lung injury.	Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY No additional information	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.			

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IDENTITY (AS USED ON LABEL AND LIST) MASTERCHEM™ A / C DYE	Page 2 of 2 Date: February 17, 2000
SECTION 4 - FIRE FIGHTING MEASURES	
FLASH POINT (METHOD USED) 195 ° F	FLAMMABLE LIMITS LEL: not determined UEL: not determined
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam	
SPECIAL FIRE FIGHTING PROCEDURES Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Caution - material is combustible!	
UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers can explode due to buildup of pressure when exposed to extreme heat.	
SECTION 5 - ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash to sewer or waterway.	
SECTION 6 - HANDLING AND STORAGE	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.	
SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION	
RESPIRATORY PROTECTION (SPECIFY TYPE): None required, if misting occurs, NIOSH approved respirator capable of removing particulate from air must be worn. Inhalation of airborne mist could be damaging to the lungs.	
VENTILATION LOCAL EXHAUST: Not necessary MECHANICAL (GENERAL): Recommended	SPECIAL: None OTHER: None
PROTECTIVE GLOVES: Recommended for general protection	EYE PROTECTION: Safety goggles with side shields
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby	
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.	
SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES	
BOILING POINT > 202 ° C	SPECIFIC GRAVITY (WATER = 1) 1.072
VAPOR PRESSURE (MM Hg) < 0.1 mm Hg @ 20 ° C	VOLATILE ORGANIC COMPOUNDS (VOC's) None
VAPOR DENSITY (AIR = 1) > 1	EVAPORATION RATE (n-BUTYL ACETATE = 1) < 1
SOLUBILITY IN WATER Appreciable	% VOLATILE (BY WEIGHT) Non volatile under standard conditions
APPEARANCE AND ODOR Light yellow liquid, characteristic odor	
SECTION 9 - STABILITY AND REACTIVITY	
STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, open flames
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.	
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None
SECTION 10 - DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.	
The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.	