

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

HMIS SYMBOL		HMIS	NFPA	NFPA RATING
HEALTH	0	SEVERE	4	EXTREME
FLAMMABILITY	0	SERIOUS	3	HIGH
REACTIVITY	0	MODERATE	2	MODERATE
		SLIGHT	1	SLIGHT
		MINIMAL	0	INSIGNIFICANT

FIRE	
REACTIVITY	
TOXICITY	
SPECIAL	

enCOLOR	Evaluation for OSHA HCS <input type="checkbox"/> Hazardous <input checked="" type="checkbox"/> Non-Hazardous
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I. GENERAL INFORMATION NE = Not Established; NA = Not Applicable

Product Name enCOLOR	Emergency Chem-Tel # 1-800-255-3924
Chemical Name Iron (III) Oxide	Telephone Number for Information 1-866-906-2006
CAS #^s 1309-37-1, 18624-44-7, 1317-61-9	Date Prepared: DECEMBER 2, 2004
Manufactured for enCOUNTER 121 NE 40 th Street Oklahoma City, OK 73105	Date Last Revised: December 2, 2005

II. HAZARDOUS COMPONENTS NE = Not Established; NA = Not Applicable

Principal Hazardous Components	PERCENT
Not Applicable	

III. PHYSICAL DATA NE = Not Established; NA = Not Applicable

Boiling Point (°F)	160 - 200° F	Vapor Pressure	Not Established
Specific Gravity (H₂O=1) in g/cc	1.7 – 1.9	Bulk Density	14 – 16 lb./gallon
Solubility in Water (g/ml)	Very Slightly	% Volatile by Volume	Not Established
D.O.T. 49 CFR Info	N/A		
Appearance: LIQUID			
Color: BUFF, TAN, YELLOW, BROWN, BLACK, RED			
Odor: NONE			
Melt Point / Freeze Point (°F/°C): 28° F			
Flash Point (Test Method): Not Established			
Flammable Limits: NOT ESTABLISHED		LEL N/A	UEL N/A

Extinguishing Media: Not Flammable

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

V. HEALTH HAZARD DATA NE = Not Established; NA = Not Applicable

OSHA PEL

Not Established

ACGIH TLV

Not Established

Carcinogen - NTP

Not Established

Carcinogen - IARC

Not Established

Effects of Over Exposure: IRRITATION TO RESPIRATORY TRACT, EYES AND SKIN.

Medical Conditions Aggravated by Exposure: NOT ESTABLISHED

Primary Route(s) of Entry: SKIN, EYES, RESPIRATORY TRACT

Emergency First Aid: FLUSH EXPOSED AREA VERY THOROUGHLY WITH CLEAN WATER, SEEK MEDICAL ATTENTION IF NECESSARY.

VI. REACTIVITY DATA NE = Not Established; NA = Not Applicable

Stability

Unstable Stable

Conditions to Avoid:

Incompatibility

Materials to Avoid:

Hazardous Polymerization

Yes No

Conditions to Avoid:

Hazardous Decomposition Products:

VII. ENVIRONMENTAL PROTECTION PROCEDURES NE = Not Established; NA = Not Applicable

Spill Response: VENTILATE THE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR FOR LARGE SPILLS OR CONFINED AREAS. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND PICK UP WITH SHOVELS. DO NOT USE SAWDUST, WOOD CHIPS, OR OTHER CELLULOSIC MATERIALS TO ABSORB SPILLS. PREVENT ENTRY INTO SEWERS AND WATER WAYS.

Waste Disposal Method: COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS FOR DISPOSAL OF UNUSABLE OR CONTAMINATED MATERIALS. DISPOSE OF PACKAGING AND CONTAINERS ACCORDING TO LOCAL STATE AND FEDERAL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION NE = Not Established; NA = Not Applicable

Eye Protection: WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES TO AVOID CONTACT WITH EYES. IN EXTREMELY DUSTY OR UNPREDICTABLE ENVIRONMENTS, WEAR TIGHT FITTING VENTED GOGGLES. CONTACT LENSES SHOULD NOT BE WORN WHEN HANDLING THIS PRODUCT.

Skin Protection: WEAR IMPERVIOUS ABRASION AND ALKALI RESISTANT GLOVES, BOOTS, LONG SLEEVED SHIRT, LONG PANTS OR OTHER PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. PROMPTLY REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF CONTACT OCCURS, WASH WITH MILD SOAP AND WATER.

Respiratory Protection (Specific Type): USE LOCAL EXHAUST AND GENERAL VENTILATION CONTROL TO CONTROL DUST LEVELS BELOW APPLICABLE EXPOSURE LIMITS. MINIMIZE DISPERSAL OF DUST INTO AIR. IF VENTILATION IS NOT AVAILABLE, USE NIOSH / MSHA APPROVED RESPIRATORS.

Ventilation Recommended:

- General Mechanical
- Local Exhaust

Other Protection: MATERIAL SHOULD BE KEPT IN AN AIRTIGHT WATER-PROOF CONTAINER. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

Hygienic Practices in Handling & Storage: CLEAN UP ALL WORK AREAS AND TOOLS. DISPOSE OF BAGS / CONTAINERS PROMPTLY. WEAR ALL RECOMMENDED PPE WHEN HANDLING. STORE IN DRY LOCATION, AMBIENT TEMPERATURE.

Other Precautions:

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