

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : UCD-5752SF
PRODUCT DESCRIPTION : YELLOW OXIDE
TRADE NAME : UCD(TM) Colorant
FORMULA ID : UCD-5752SF
FORMULA VERSION NUMBER : 22
PRINT DATE : 03/05/2014
MANUFACTURER IDENTIFICATION:
NAME : CHROMAFLO TECHNOLOGIES CORP
ADDRESS : 2600 MICHIGAN AVENUE ASHTABULA OH 44004
TELEPHONE : 440-997-5137
EMERGENCY CONTACT : Chemtrec
EMERGENCY TELEPHONE : (800) 424-9300 (703) 527-3887 (outside the U.S.)

HMS INFORMATION:

Health - 1* Flammability - 0 Reactivity - 0

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1
CAS# 14808-60-7
Crystalline Silica (Quartz)
PCT BY WT: <1%
EXPOSURE LIMIT:
OSHA PEL 10 mg/m3/(%SiO2 + 2) respirable
ACGIH TLV 0.025 mg/m3 respirable

2
CAS# 51274-00-1
Iron Oxide Yellow
PCT BY WT: 45-50%
EXPOSURE LIMIT:
OSHA PEL 15 mg/m3
ACGIH TLV 10 mg/m3

3
CAS# NA
Polyester Resin
PCT BY WT: 50-55%
EXPOSURE LIMIT:

This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.

SECTION 3 - HAZARDS IDENTIFICATION

CAUTION! : May cause skin and eye irritation

POTENTIAL HEALTH EFFECTS:

ACUTE EFFECTS:

EYE:
Exposure can cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

SKIN:
May be mildly irritating. Contact with skin may produce a burning sensation.

INHALATION:
Toxic if inhaled; excessive exposure causes headaches, dizziness, nausea, vomiting, and loss of consciousness.

INGESTION:
Very hazardous in case of ingestion.

CHRONIC EFFECTS:

EYE:

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May cause conjunctivitis.

INGESTION:

No harmful effects by chronic exposure reported.

INHALATION:

Prolonged or repeated exposure may cause lung damage.

SKIN:

Repeated contact can cause dermatitis.

MEDICAL CONDITIONS AGGRAVATED

May aggravate pre-existing eye disorders.

Previous respiratory impairments.

May aggravate pre-existing skin disorders.

CARCINOGENICITY:

Based on the presence of components (01)
Crystalline silica is listed as a known carcinogen (NTP) and as
a carcinogen when inhaled in the form of quartz or cristobalite from
occupational sources (IARC Group 1).

SECTION 4 - FIRST AID MEASURES

NOTE TO PHYSICIAN:

Flush eyes immediately with large amounts of water for at least 15
minutes. Flush under both upper and lower lids. Seek medical aid.
Wash from skin with soap and water. If irritation develops, seek
medical aid. Wash contaminated clothing before reuse. If inhaled,
remove person to fresh air and aid in breathing if necessary. Seek
medical aid. If ingested, seek medical aid.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL: Emits toxic fumes under
fire conditions

Flashpoint : : : : : : : : : : : : : : : -N/A °F
Explosion Level : : : : : : : : : : : : : : : Low - -N/A
High - -N/A

EXTINGUISHING MEDIA:

CO2, foam, dry chemical.

Water may be ineffective but can be used to cool containers exposed
to heat or flame. Caution should be exercised when using water or
foam as frothing may occur.

FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:

Firefighters must wear NIOSH-approved self-contained breathing
apparatus and full protective equipment.

Water may be used to keep fire-exposed containers cool until fire is
out.

Wear a self-contained breathing apparatus with a full facepiece
operated in the positive pressure demand mode with appropriate
turn-out gear and chemical resistant personal protective equipment.
Refer to the personal protective equipment section of this MSDS.

Vapors are heavier than air and may travel along the ground or may be
moved by ventilation and ignited by pilot lights, other flames,
sparks, heaters, smoking, electric motors, static discharge, or other
ignition sources at locations distant from material handling point.
Never use welding or cutting torch on or near drum (even empty)
because product (even just residue) can ignite explosively.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear appropriate safety equipment. Eliminate all ignition sources. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbants. Vacuum or sweep powders carefully to minimize dusting. Shovel all spill materials into disposal drums and follow disposal instructions. Scrub spill area with detergent and flush with copious amounts of water.

Always dispose of in accordance with local, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor liquid and/or solid) all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred.

Surfactants can cause foaming problems in biological wastewater treatment plants and other high shear operations.

If used in dry form, use proper grounding techniques when emptying contents from package. Failure to use proper grounding techniques may result in build-up of hazardous electrostatic charges which could cause flash fire or explosion.

Store in closed properly labeled containers away from heat, open flames and strong oxidizers.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EYE PROTECTION:

Chemical safety goggles or safety glasses.

RESPIRATORY PROTECTION:

A NIOSH/MSHA - approved respirator as necessary.

If the OSHA PEL, ACGIH TLV, or any other TLV for any component listed in Section II is exceeded, use NIOSH approved air-purifying respirator.

SKIN PROTECTION:

Permeation resistant gloves [butyl rubber, nitrile rubber, polyvinyl alcohol]. However, please note that PVA degrades in water. Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered by the cream to a minimum.

ENGINEERING CONTROLS:

Use ventilation adequate to maintain safe levels.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance	:	PIGMENTED LIQUID		
Odor	:	CHARACTERISTIC		
Vapor Pressure	:	-N/A		
Specific Gravity	:	1.584		
Formula Weight per Volume	:		13.1804	LBS/GAL

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SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES:

Strong acids, strong alkali (bases), peroxides, and other oxidizers.

Strong alkalis, hydrofluoric acid, powerful oxidizers and fluorine containing compounds.

Strong acids and oxidizers.

DECOMPOSITION:

Carbon monoxide, carbon dioxide, various hydrocarbons.

At higher temperatures, can change crystal structure to form tridymite or cristobalite, which have greater health hazards.

CONDITIONS TO AVOID:

Based on the presence of components (01)

This material will react with hydrofluoric acid and strong alkaline solutions.

None known.

Excessive heat, flame and other possible ignition sources.

Accumulation of static charges.

POLYMERIZATION:

Product will not undergo hazardous polymerization.

STABILITY:

Stable

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Evaluated at this time.

SECTION 12 - TRANSPORT INFORMATION

No Data

SECTION 13 - REGULATORY INFORMATION

DISPOSAL CONSIDERATIONS:

Dispose of unused product, spilled product, and empty containers in accordance with applicable local, state, and federal regulations.

Do not discharge into waterways or sewer systems.

OTHER REGULATIONS:

Based on the presence of components (01,**)

This product contains Proposition 65 substances known to the state of CA to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"

TSCA Status:

TSCA (United States) The intentional ingredients of this product are listed.

SARA 313 INFORMATION:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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 SECTION 14 - OTHER INFORMATION

Prepared by : Regulatory Affairs
 (regulatory@chromaflo.com)

MSDS Prepared for :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, and storage and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text. This information is supplied upon the condition that the user will make the appropriate determination as to its suitability for their purposes prior to use.

CERCLA RQ - Section 101(14)F
 Component RQ (LBS)
 Phosphoric Acid 5000

CERCLA RQ - Section 101(14)F
 Component RQ (LBS)
 1,4-Dioxane 100