

MATERIAL SAFETY DATA SHEET

Ferric Oxide 77492

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SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Distributor : Kolorsource Products
Address : Scottsdale, Arizona
Telephone # : 808/263-3227

Synonyms : Ferric oxide Yellow
INCI Name : Iron Oxide (C.I. 77492)

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name CAS # EINECS #
Ferric oxide 20344-49-4

SECTION 3: HAZARD IDENTIFICATION

No particular danger
HMIS Ratings : Health - 1 Flammability -0 Reactivity - 0
Ratings Key : 4= Highest hazard, 0= Lowest hazard,

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Effects of Overexposure to Dust : May cause mechanical irritation to eyes.
Medical Conditions Aggravated by Exposure : Persons with respiratory conditions may be at increased risk.
Primary Route(s) of Entry : Inhalation or skin and eye contact.

Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.
Skin Contact : Flush skin with soap and water for at least 15 min.
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.
Ingestion : None needed for small amounts. For large amounts, if conscious, give water to drink and induce vomiting. Call physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : N/A
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : N/A
Special Fire Fighting Procedures : N/A
Unusual Fire And Explosion Hazards : None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid skin and eye contact
Environmental Precautions: : Prevent material from contaminating soil or entering sewerage and drainage systems.
Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles, and lab coat. Carefully contain spilled material . Deposit spilled

material in appropriate waste container. Wash spill area with soap and water.

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SECTION 7: HANDLING AND STORAGE

Handling :

Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Handling of fine powders may result in static charges. Proper grounding of processing equipment is recommended. Follow all MSDS and label precautions even after container is emptied since it may contain residual material.

Storage : Store containers closed in ambient location.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels: OSHA ACGIH

Component TWA PEL TWA TLV

Iron Oxide 15mg/m³ 10mg/m³

Personal Protection:

Eye Protection : Safety glasses with side shields or goggles

Skin Protection : Rubber gloves, wash at meals and end of shifts

Respiratory Protection : Use NIOSH/MSHA approved air purifying respirator as needed to control exposure.

Ventilation : Provide adequate general mechanical exhaust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C) : N/A Percent Volatile By Vol. (%) : N/A

Freezing Point (°C) : N/A Vapor Density (Air=1) : N/A

Melting Point (°C) : >1000°C Evaporation Rate (Buac=1) : 0

Vapor Pressure (mm hg) : N/A Solubility In Water : Insoluble

Specific Gravity (g/cc.) : N/A Appearance & Odor : Fine yellow powder, odorless

SECTION 10: STABILITY AND REACTIVITY

Stable : Yes

Hazardous Polymerization : Will not occur

Conditions To Avoid : Keep away from extreme heat, sparks, flame, and other ignition sources

Incompatibility : Acids.

Hazardous Decomposition Products : None

SECTION 11: TOXICOLOGICAL INFORMATION

Iron Oxide

Skin Irritation (rabbit) : No data None

Primary Eye Irritation : Mild-irritant

(rabbit) Average Draize score = 0.00

Acute Oral Toxicity (rat) : Non-toxic, LD₅₀ > 15 g/kg (rat) Non-toxic, LD₅₀ > 10 g/kg (rat)

Sensitization : Non-toxic No data

SECTION 12: ECOLOGICAL INFORMATION

No Data

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Disposal : Dispose of in accordance with all applicable federal, state, and local regulations. Material may be sent to an approved landfill or licensed treatment, storage, and disposal facility.

SECTION 14: TRANSPORT INFORMATION

KOLORSOURCE Products, Inc.

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Classification: Non-hazardous

SECTION 15: REGULATORY INFORMATION

Label Name : **SINERT Y-10**

SECTION 16: OTHER INFORMATION

Date Prepared : June 24, 2003

Prepared By : Kolorsource

Note:

The statements made here are intended to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics. This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our current knowledge.