

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: HEMATOXYLIN

CAS#: 517-28-2

Synonym:

Chemical Name: Not available.

Chemical Formula:

Molecular Weight:

Composition and Information on Ingredients

Name	S.K.U	% by Weight
HEMATOXYLIN	GCS-9503	100

Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3) Classification according to EU Directives 67/548/EEC or 1999/45/EC Harmful if swallowed. Irritating to eyes, respiratory system and skin. Other hazards – none

First Aid Measures

Description of
first aid

measures

General
advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult

a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed : no data available

Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture

Carbon oxides

Advice for firefighters

Wear self- contained breathing apparatus for fire- fighting if necessary.

Further information

No data available

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end uses

no data available

Exposure Controls/Personal Protection

Control parameters

Components with workplace

control parameters Exposure

controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal

protective

equipment

Eye/face

protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected According to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and

approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance

Form:

powder

Colour:

beige

b) Odour no data available

c) Odour Threshold no data available

d) pH no data available

e) Melting point/freezing point Melting point/range: 200 °C - dec.

f) Initial boiling point and boiling range: no data available

g) Flash point no data available

h) Evaporation rate no data available

i) Flammability (solid, gas) no data available

j) Upper/lower flammability or explosive limits : no data available

k) Vapour pressure no data available

l) Vapour density no data available

m) Relative density no data available

n) Water solubility no data available

o) Partition coefficient: octanol/ water: no data available

p) Autoignition temperature: no data available

q) Decomposition temperature: no data available

r) Viscosity no data available

s) Explosive properties no data available

t) Oxidizing properties no

data available Other safety

information:

u) no data available

Stability and Reactivity Data

Reactivity
no data available

Chemical stability
no data available

Possibility of hazardous reactions
no data available

Conditions to avoid
no data available

Incompatible materials
Strong oxidizing agents

Hazardous decomposition products
Other decomposition products - no data available

Toxicological Information

Information on toxicological effects

Acute toxicity

LD50 Oral - rat - 400 mg/kg

Skin corrosion/irritation Causes

skin burns

Serious eye
damage/eye
irritation

Eyes - rabbit

Serious eye
damage/eye
irritation

Eyes - rabbit

Result: Severe eye irritation

Respiratory or skin sensitisation No data available

Germ cell mutagenicity

Hamster Embryo

Sister chromatid exchange

Carcinogenicity

Carcinogenicity - rat - Subcutaneous

Tumorigenic: Neoplastic by RTECS criteria. Skin and Appendages: Other: Tumors.

Tumorigenic: Tumors at site or application.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data Available

Specific target organ toxicity - single exposure no data available

Specific target organ toxicity - repeated exposure no data available

Aspiration hazard no data available

Additional Information

RTECS: RTECS: MH7875000

Toxicological Data on Ingredients: Not available.

Ecological Information

Toxicity
no data available

Persistence and degradability
no data available

Bio accumulative potential
no data available

Mobility in soil
no data available

Results of PBT and vPvB assessment
no data available
Other adverse effects
no data available

Disposal Considerations

Waste treatment methods:

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

Transformation Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated

Other Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out



Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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