

## Safety data sheet according to EEC directives (91/155/EEC and updates)

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Supplier : Cromatos s.r.l. Emergency Tel. ++39-0543-796191

### 1. Identification of the substance or preparation:

Trade Name : CROMALENT RED GHS

### 2. Composition and information on ingredients:

Chemical constitution: acid/basic dye's salt (metal complex)

### 3. Possible Hazards:

The product does not have particular dangers. Pay attention to good rules of industrial hygiene.

### 4. First Aid measures:

General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation: Supply fresh air and call for doctor for safety reasons. In case of unconsciousness bring patient into stable side position for transport.

After skin contact: Instantly wash with water and soap and rinse thoroughly. If irritation develops, consult a physician.

After eye contact: Rinse opened eye for almost 15th minutes under running water. If symptoms persist, consult a physician.

After ingestion: If swallowed, dilute with water or milk; do not induce vomiting. Never give fluids or induce vomiting if victims unconscious. Get immediate medical attention.

### 5. Fire fighting measures:

Extinguishing media: Use water fog, foam or dry chemical extinguishing media.

Special firefighting procedure: Firefighting should be equipped with selfcontained breathing apparatus and turnout gear.

Usual fire and explosion hazard: Adequate ventilation and cleanup must be maintained to minimize dust accumulation. May form explosive dust-air mixture.

### 6. Accidental release measures:

Personal precautions: Avoid contact with skin and eyes wearing protective clothing. Avoid inhalation of vapours or powders wearing protective masks

Environmental precautions: Limit leakages with earth or sand. If the product has escaped into the drainage system or it has contaminated the ground or vegetation, notify the competent authorities.

Methods for cleaning up: If the product is in a liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

### 7. Handling and storage:

Handling: Use protective clothing as gloves, coveralls apron, boots; necessary to prevent skin contact. Do not drink or eat or smoke while working.

Incompatible material: None in particular

Storage: Use local exhaust to control dusting.

### 8. Exposure controls and personal protection:

Respiratory protection: Suitable respiratory protection for lower concentrations or short – term effect: Particle filter EN143 Type P2, medium efficiency, (solid and liquid particles of harmful substances)

Hands protection: Chemical resistant protective gloves (EN374)  
e.g. nitrile rubber (0,4mm), chloroprene rubber (0,5 mm), polyvinylchloride (0,7 mm) and other manufacturer's directions for use should be observed because of great diversity of types.

Eye protection: Safety glasses with side-shields (frame goggles) (EN 166).

Other protective equipment: Showers and eye – washers in working area are recommended

General safety and hygiene measures: Handle in accordance with good hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Good local exhaust ventilation. Avoid long-term exposure, even to small quantities.

Specific hygiene measures: Washing/ Showering facilities with a non-solvent based skin cleaner, hot water and soap must be provided and used. Overalls should be changed frequently and dry cleaned. Grossly contaminated clothing should be changed immediately and should not be taken home. The condition of gloves should be checked before use for signs of internal contamination.

Incompatible material: Adequate ventilation and cleanup must be maintained to minimize dust accumulation. May form toxic or explosive fumes / steams .

### 9. Physical and chemical properties:

Form: powder

Colour: red

Odour: none

Change in physical estate

Boiling/melting point:n.d.

Flash point: not applicable

Combustibility: n.d.

Ignition temp.:not available

Solubility in water at 20 °C: not soluble

pH value at 10 g/l of water: about 7 - 9

Steam tension at 20°C: not applicable

Density g/cc 20°C: about 0.35 g/l

### 10. Stability and reactivity:

Conditions to avoid: stable under normal conditions. Avoid flame , eat, ignition sources and incompatibles

Substances to avoid: strong oxidizers

Hazardous reactions: powder may form dusty clouds flammable in the air.

Hazardous decomposition products: Burnig may produce carbom monoxide, carbon dioxide, nitrogen oxide

### 11. Toxicological information:

Acute toxicity

LD50 /oral / rat: about 2400mg/kg

Rabbit , primary skin irritation: may be slightly irritant

Rabbit , primary eyes irritation: may be slightly irritant

Inhalation : n.d. get doctor consultation

Ingestion: n.d. get doctor consultation may be slightly harmful

By analogy to similar products – not specifically tested.

### 12. Ecological information:

Fish toxicity:

LC50 : not available

LC0: not available

Environmental precautions: The product is a dye and therefore it can be assumed to be not readily biodegradable. Limit leakages with earth or sand. If the product has escaped into the drainage system or it has contaminated the ground or vegetation, notify the competent authorities. Don't discharge in water ways or sewer system without proper treatment. Dispose of in licensed facility. Dispose by incineration and/or landfilling.

Empty packaging: dispose it in licensede facility. Recommen placing orderly or other means to prevent unauthorised reuse.

Companies which recover, dispose, store, transport or handle waste should comply with Dir. 91/156/EEC on waste or other local, national or community provisions.

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By analogy to similar products – not specifically tested.

### 13. Disposal considerations:

The product is polluting, to get rid of by the actual law.

### 14. Transport information:

Not dangerous for transportation.

### 15. Labelling according to EEC Directives (Classification and labelling):

Hazard designation: none

Hazard phrases : none

S phrases: S24/25 Avoid contact with skin and eyes

S22 do not breathe dust

S26 In case of contact with eyes , rinse immediately with

plenty of water and seek medical advice

S36/37/39 Wear suitable protective clothing gloves and eye/face protection

The product should not be considered as dangerous according to dir. 67/548/EEC

### 16. Other information:

R phrase (sec.2):

none

The herein contained information is based on the present state of our knowledge and does not therefore guarantee certain properties. Addresses of our products must take responsibility for observing existing laws and regulations.