# 1. Identification of the substance or preparation:

# Trade name: LENACROM YELLOW IS-2R

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

## 2.Composition and information on ingredients:

Chemical constitution : Azo metal complex dyestuff in organic solvents

#### Hazard Contents:

1-methoxy-2-propanol	%(weight): 30-50% CAS: 107-98-2
Hazard designation:	Hazard phrases: R10

Diethylenglycolmonobutylether %(weigth): 20-30 CAS: 112-34-5 EINECS: 203-961-6 Hazard designation: Xi Hazard phrases: R36

# 3. Hazards Identification:

Flammable. The product is irritant to eyes. Pay attention to good rules of industrial hygiene.

### 4. Fist Aid measures:

<u>After inhalation:</u> Supply fresh air leave the contamined area and call for doctor for safety reasons. In case of uncosciousness 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 and symptoms develop, call a physician and shows the safety sheet.

#### 5. Fire fighting measures:

Estinguishing media: Use water fog, foam or dry chemical extinguishing media. Cool containig vessels with water jet in order to prevent pressure build up, autoignition or explosion

Protection of fire fighters: Wear suitable respiratory equipment

<u>Usual fire and explosion hazard</u>: Good local exhaust ventilation. Avoid long-term exposure, even to small quantities. Avoid strong oxidant or reducing reagents

#### 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: 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 autorities. 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 licensed facility. Recomment placing orderly or other means to prevent unauthorised reuse. Companies which recover, dispose, store, transport or handle waste should comply with Dir. 91/150/EEC on waste or other local, national or community provisions. 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 autorfiles.

<u>Methods for cleaning up</u>: Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. Remove the spilled product with clean shovel to avoid dust production and place the matetial in clean and dry container. After the product has been recovered, rinse the area and materials involved with water. Don't discharge in water ways or sewer system without proper treatment.

May form toxic or explosive fumes / steams .

#### 7. Handling and storage:

<u>Handling</u>: Use protective clothing as gloves, coverralls apron, boots; necessary to prevent skin contact. Do not drink or eat or smoke while working. Protective mask in presence of powder. Good personal hygiene procedures must be practised.

<u>Storage</u>; Use local exhaust to control dusting. Keep the product away from food and drink. Keep containers away from flammable substances. Properly labelled and sealed containers, placed in cool and well ventilated areas.

General precaution: Good local exhaust ventilation. Avoid long-term exposure, even to small quantities.

#### 8. Exposure controls and personal protection:

Respiratory protection: Approved protective.

Hands protection: Use protective clothing . Do not drink or eat or smoke while working.

Eye protection: Chemical safety guggles or glasses.

Body protection: Appropriate protective clothing.

<u>Other protective equipment</u>: Showers and eye – waschers in working area are raccomended <u>General precaution</u>: Good local exhaust ventilation. Avoid long-term exposure, even to small quantities.

<u>Specific hydiene measures</u>: Washing/ Showering facilities with a non-solvent based skin cleaner, hot water and soap must be provided and used. Overalls schould be changed frequently and dry cleaned. Grossly contamined clothing should be changed immediately and should not be taken home. The condition of gloves should be cheked 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 .

1-methoxy-2-propanol	%(weight): 30-50
Diethylenglycolmonobutylether	%(weigth) : 20-30

TLV –TWA: 369 mg/m3 TLV –TWA: 100 mg/m3

# 9. Physical and chemical properties:

Form: liquid Colour: yellow Odour: typical Chanae in physical estate Boiling point 120-228°C Decomposition point: >200°C Flash point: 32°C Solubility in water: completely soluble pH value: 6-9 Solid content: 18±2 % Specific Weight: n.d.

# 10. Stability and reativity:

Minimize dust accumulation. May form flammable and toxic fumes Substances to avoid: avoid strong oxidant or reducing reagents

#### 11. Toxicological information:

Acute toxicity <u>LD50 / oral / rat:</u> n.d. Rabbit, primary skin irritation; n.d. Rabbit, primary eves irritation; irritant

## 12. Ecological information:

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 autorities. 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. Recomment 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.

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 autorities.

## 13. Disposal considerations:

#### Dispose of in licensed facility.

Recommend crushing or other means to prevent unauthorized reuse.

#### 14. Transport information:

RID/ADR - hazard classification: 3 packing group: III n.ONU: 1263n. Kemler: 30 IMO - hazard classification: 3 packing group: III ICAO/IATA - hazard classification: 3

#### 15. Regulatory Information :

Hazard designa	ition: Xi	irritant
Hazard Conten	ts: 1-methoxy-2-propanol	
	Diethylenglycolmonobutylether	
Hazard phrases	2:	
R10	flammable	
R36	Irritating to eyes	
S phrases:		
S23	Do not breathe vapour / spray	
S24/25	Avoid contact with eyes and ski	n
S26	In case of contact with eyes, rin	se immediately with plenty of water and seek
medical advice		

16. Other information:

See section 2 (R phrases):

R10 flammable

R36 Irritating to eyes;

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 responsability for observing existing laws and regulations.