

## Safety data sheet according to 2001/58/EC

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

Trade name: LENACROM BORDEAUX IS-U

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

### 2. Composition and information on ingredients:

Chemical constitution : Azo metal complex dyestuffs in organic solvents

Hazard Contents:

C. I. Acid violet 90  
%(weight): 10-20%  
CAS: 6408-29-3  
EINECS: 229-052-4  
Hazard designation: Xi  
Hazard phrases: R36/37 R43

1-methoxy-2-propanol  
%(weight): 10-20%  
CAS: 107-98-2  
EINECS: 203-539-1  
Hazard designation:  
Hazard phrases: R10

Buthyldiglycol  
%(weight): 30-50%  
CAS n.: 112-34-5  
Hazard designation: Xi  
Hazard phrases: R36

N-Methyl pyrrolidone  
%(weight): 5-10%  
CAS n.: 872-50-4  
Hazard designation: Xi  
Hazard phrases: R36/38

### 3. Hazards Identification:

Flammable. The product is irritant to eyes . May cause sensitisation by skin contact.  
Pay attention to good rules of industrial hygiene.

### 4. First Aid measures:

After inhalation: Supply fresh air leaving the contaminated area and call a doctor in case of respiratory troubles. 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 and symptoms develop, call a physician and show the safety sheet.

### 5. Fire fighting measures:

Extinguishing media: Use nebulized water, chemical powder, alcohol-resistant foam, CO2. Use water jet to keep containers cool in order to prevent pressure build up or explosion

Protection of fire fighters: Wear suitable respiratory equipment

Usual fire and explosion hazard: Good local exhaust ventilation. 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: Limit leakages with earth or sand. If the product has escaped into the drainage system or it has contaminated the ground or vegetation, notify to the competent authorities. Don't discharge in water ways or sewer system without proper treatment.

Dispose of in a licensed facility. Dispose by incineration and/or landfilling. 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.

Cleaning up methods: 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 shovels to avoid dust production and place the material in clean and dry container. After the product has been recovered, rinse the area and materials involved with water.

May form toxic or explosive fumes / steams .

### 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. Protective mask in presence of powder. Good personal hygiene procedures must be practised.

Storage: Use local exhaust to control dusting. Keep the product in fresh and well ventilated place. Keep containers away from sunbeams and heat sources. Keep the vessels closed after each drawing of the product.

General precaution: Good local exhaust ventilation.

### 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 goggles or glasses.

Body protection: Appropriate protective clothing.

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

General precaution: 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 .

1-methoxy-2-propanol	10-20%	TLV –TWA: 375 mg/m3
Buthyldiglycol	30-50%	TLV-TWA 67,5 mg/m3
N-Methyl pyrrolidone	5-10%	TLV-TWA 82 mg/m3

### 9. Physical and chemical properties:

Form: liquid

Colour: red

Odour: typical

Boiling point: 100-228°C

Decomposition point: >200°C

Flash point: 21-61°C

Combustibility: n.d.

Solubility in water : partial

pH value : 6-9

Solid content: 20±3 %

Specific Weight: n.d. Kg/L

### 10. Stability and reactivity:

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

### 11. Toxicological information:

Acute toxicity

LD50 / oral / rat: n.d.

Rabbit , primary skin irritation: n.d.

Rabbit , primary eyes irritation: irritant

### 12. Ecological information:

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 to the competent authorities. Don't discharge in water ways or sewer system without proper treatment. Dispose by incineration and/or landfilling. Empty packaging: dispose it in a licensed facility.

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.

### 13. Disposal considerations:

Dispose of it in licensed facilities. Dispose by incineration and/or landfilling.

### 14. Transport information:

RID/ADR - hazard classification: 3, F1 packing group: III n. ONU: 1263 n. Kemler: 30

IMO - hazard classification: 3 packing group: III

ICAO/IATA - hazard classification: 3

### 15. Regulatory Information :

Hazard designation: Xi irritant

Hazard Contents:

C. I. Acid violet 90

1-methoxy-2-propanol

Hazard phrases :

R10 flammable

R36 Irritating to eyes

R43 May cause sensitisation by skin contact

S phrases:

S23	Do not breathe vapour / spray
S24/25	Avoid contact with eyes and skin
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37	Wear suitable gloves

COV: (68±3)%

Emissions:

1-methoxy-2-propanol	10-20% Class 3 Tab. D
Buthyldighlycol	30-50% Class N.C.
N-Methyl pyrrolidone	5-10% Class 4 Tab. D
Glycolether	5-10% Class N.C.

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**16. Other information:**

See section 2 (R phrases):

R10 flammable

R36 /38 Irritating to eyesand skin.

R41 Risk of serious damage to eyes

R36/37 Irritating to eyes and respiratory system

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

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.

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