



Safety Data Sheet according to WHS Regulations

Printing date 06.07.2024

Version number 1.1

Revision: 06.07.2024

1 Identification

- **Product identifier**
- **Trade name:** 640 2K MOLYBDATE RED
- **Article number:** 640
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
none
- **Sector of Use**
SU3 Industrial Uses: Uses of substances such as or in preparations at industrial sites
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category**
PC9a Coatings and paints, thinners, paint removers
PC9b Fillers, putties, plasters, modelling clay
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Manufacturer:
General Paint Company S.A.L.
P.O.Box 7623
Beirut, Lebanon
info@generalpaint.biz
www.generalpaint.biz
Importer:
Payless Services Pty. Ltd.
A Pacific Express Group Company
103 Eldridge Road
Bankstown, NSW, 2200
Australia
- **Further information obtainable from:** Product Safety Department
- **Emergency telephone number:**
Phone : +61 297085698
Mobile: +61 413703038

2 Hazard(s) Identification

- **Classification of the substance or mixture**



GHS02 flame

Flammable liquids – Category 3

H226 Flammable liquid and vapour.

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**GHS06 skull and crossbones**

Acute toxicity - inhalation – Category 3

H331 Toxic if inhaled.

**GHS08 health hazard**

Germ cell mutagenicity – Category 2

H341 Suspected of causing genetic defects.

Carcinogenicity – Category 1B

H350 May cause cancer.

Reproductive toxicity – Category 1A

H360 May damage fertility or the unborn child.

Specific target organ toxicity (repeated exposure) – Category 2

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

**GHS07**

Skin corrosion/irritation – Category 2

H315 Causes skin irritation.

Skin sensitisation – Category 1

H317 May cause an allergic skin reaction.

Label elements**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms

GHS02 GHS06 GHS08

Signal word Danger**Hazard-determining components of labelling:**

Lead chromate molybdate sulfate red (>10-≤25 %)

xylene (>10-≤25 %)

Solvent naphtha (petroleum), light arom. (>2.5-≤10 %)

ethylbenzene (≤2.5 %)

Hazard statements

Flammable liquid and vapour.

Toxic if inhaled.

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of causing genetic defects.

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May cause cancer.

May damage fertility or the unborn child.

May cause damage to the hearing organs through prolonged or repeated exposure.

• **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Use explosion-proof electrical/ventilating/lighting equipment.

Do not breathe dust/fume/gas/mist/vapours/spray.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Other hazards**

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

3 Composition and Information on Ingredients

• **Chemical characterisation: Mixtures**

• **Description:** Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**

12656-85-8	Lead chromate molybdate sulfate red	>10-≤25%
1330-20-7	xylene	>10-≤25%
123-86-4	n-butyl acetate	>10-≤25%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5-≤10%
108-65-6	2-methoxy-1-methylethyl acetate	≤2.5%
100-41-4	ethylbenzene	≤2.5%
14808-60-7	Quartz (SiO ₂)	≤2.5%
1309-64-4	antimony trioxide	≤2.5%
872-50-4	N-methyl-2-pyrrolidone	≤2.5%

• **SVHC**

12656-85-8	Lead chromate molybdate sulfate red
872-50-4	N-methyl-2-pyrrolidone

• **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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4 First Aid Measures

- **General information:**

Immediately remove any clothing soiled by the product.

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

Remove breathing equipment only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

- **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:** If symptoms persist consult doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

- **Protective equipment:** Mouth respiratory protective device.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and Storage

· Handling:**· Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

· Storage:**· Requirements to be met by storerooms and receptacles:** No special requirements.**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:** Keep container tightly sealed.**· Storage class:** 3**· Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

· Additional information about design of technical facilities: No further data; see section 7.**· Ingredients with limit values that require monitoring at the workplace:****12656-85-8 Lead chromate molybdate sulfate red**

WES	Long-term value: 10 mg/m ³ as Mo
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1330-20-7 xylene

WES	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 350 mg/m ³ , 80 ppm
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123-86-4 n-butyl acetate

WES	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 713 mg/m ³ , 150 ppm
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108-65-6 2-methoxy-1-methylethyl acetate

WES	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
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100-41-4 ethylbenzene	
WES	Short-term value: 543 mg/m ³ , 125 ppm Long-term value: 434 mg/m ³ , 100 ppm
14808-60-7 Quartz (SiO₂)	
WES	Long-term value: 0.05 mg/m ³ respirable dust
1309-64-4 antimony trioxide	
WES	Long-term value: 0.5 mg/m ³ as Sb; handling and use
872-50-4 N-methyl-2-pyrrolidone	
WES	Short-term value: 309 mg/m ³ , 75 ppm Long-term value: 103 mg/m ³ , 25 ppm Sk

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Store protective clothing separately.
 - Avoid contact with the skin.
 - Avoid contact with the eyes and skin.
- **Respiratory protection:**
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:*Tightly sealed goggles*

9 Physical and Chemical Properties

· General Information**· Appearance:****· Form:***Liquid***· Colour:***Red***· Odour:***Characteristic***· Odour threshold:***Not determined.***· pH-value:***Not determined.***· Change in condition****· Melting point/freezing point:***Undetermined.***· Initial boiling point and boiling range:***127 °C***· Flash point:***25 °C***· Flammability (solid, gas):***Flammable.***· Auto-ignition temperature:***370 °C***· Decomposition temperature:***Not determined.***· Ignition temperature:***Product is not selfigniting.***· Explosive properties:***Product is not explosive. However, formation of explosive air/vapour mixtures are possible.***· Explosion limits:****· Lower:***1.1 Vol %***· Upper:***7.5 Vol %***· Vapour pressure at 20 °C:***10.7 hPa***· Density at 20 °C:***1.33 g/cm³***· Relative density***Not determined.***· Vapour density***Not determined.***· Evaporation rate***Not determined.***· Solubility in / Miscibility with****· water:***Not miscible or difficult to mix.***· Partition coefficient: n-octanol/water:***Not determined.***· Viscosity:****· Dynamic:***Not determined.***· Kinematic:***Not determined.*

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- | | |
|----------------------------|--|
| · Solvent content: | |
| · Organic solvents: | 35.1 % |
| · VOC (EC) | 466.8 g/l |
| · Solids content: | 64.7 % |
| · Other information | No further relevant information available. |

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Toxic if inhaled.

· **LD/LC50 values relevant for classification:**

12656-85-8 Lead chromate molybdate sulfate red

Oral LD50 >5,000 mg/kg (rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Suspected of causing genetic defects.
- **Carcinogenicity** May cause cancer.
- **Reproductive toxicity** May damage fertility or the unborn child.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**
May cause damage to the hearing organs through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

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- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **ADG, IMDG, IATA** UN1263
- **UN proper shipping name**
- **ADG** 1263 PAINT, ENVIRONMENTALLY HAZARDOUS
- **IMDG, IATA** PAINT
- **Transport hazard class(es)**
- **ADG, IMDG**
- 
- **Class** 3 Flammable liquids.

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· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· Packing group	
· ADG, IMDG, IATA	III
· Environmental hazards:	
· Marine pollutant:	No Symbol (fish and tree)
· Special marking (ADG):	Symbol (fish and tree)
· Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E, S-E
· Stowage Category	A
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Industrial Chemicals**

12656-85-8	Lead chromate molybdate sulfate red
1330-20-7	xylene
123-86-4	n-butyl acetate
108-65-6	2-methoxy-1-methylethyl acetate
100-41-4	ethylbenzene
14808-60-7	Quartz (SiO ₂)
1309-64-4	antimony trioxide
872-50-4	N-methyl-2-pyrrolidone
80-62-6	methyl methacrylate
868-77-9	2-hydroxyethyl methacrylate
78-83-1	butanol
136-53-8	ZINC 2-ETHYLEXANOATE
97-88-1	n-butyl methacrylate
64742-88-7	Solvent naphtha (petroleum), medium aliph.
7447-41-8	lithium chloride
77-58-7	dibutyltin dilaurate

· **Standard for the Uniform Scheduling of Medicines and Poisons**

1330-20-7	xylene	S6
872-50-4	N-methyl-2-pyrrolidone	S5, S6
80-62-6	methyl methacrylate	S6, S10
868-77-9	2-hydroxyethyl methacrylate	S5

· **Australia: Priority Existing Chemicals**

12656-85-8	Lead chromate molybdate sulfate red
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· **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS02 GHS06 GHS08

· **Signal word** *Danger*

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· Hazard-determining components of labelling:

Lead chromate molybdate sulfate red ($>10\text{-}\leq 25\%$)
xylene ($>10\text{-}\leq 25\%$)
Solvent naphtha (petroleum), light arom. ($>2.5\text{-}\leq 10\%$)
ethylbenzene ($\leq 2.5\%$)

· Hazard statements

Flammable liquid and vapour.
Toxic if inhaled.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
May cause cancer.
May damage fertility or the unborn child.
May cause damage to the hearing organs through prolonged or repeated exposure.

· Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Use explosion-proof electrical/ventilating/lighting equipment.
Do not breathe dust/fume/gas/mist/vapours/spray.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· Seveso category

E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· National regulations:

· **Additional classification according to Decree on Hazardous Materials, Annex II:**
Carcinogenic hazardous material group III (dangerous).

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· Other regulations, limitations and prohibitive regulations**· Substances of very high concern (SVHC) according to REACH, Article 57**

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872-50-4 | N-methyl-2-pyrrolidone

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department

- **Contact:** N/A

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flammable liquids – Category 3: Flammable liquids – Category 3

Acute toxicity - inhalation – Category 3: Acute toxicity – Category 3

Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2

Skin sensitisation – Category 1: Skin sensitisation – Category 1

Germ cell mutagenicity – Category 2: Germ cell mutagenicity – Category 2

Carcinogenicity – Category 1B: Carcinogenicity – Category 1B

Reproductive toxicity – Category 1A: Reproductive toxicity – Category 1A

Specific target organ toxicity (repeated exposure) – Category 2: Specific target organ toxicity (repeated exposure) – Category 2

- *** Data compared to the previous version altered.**

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