

# Safety Data Sheet



## 1. Identification

**Product Information:** 06000000

**Family:** 501

**Product Name:** ESMALTE 6000

**Recommended Use:** Painting / Coating

**Supplied by/Manufacturer:** SUR QUIMICA S.A.  
Calle 38, contiguo al Cementerio La Uruca.  
San José, Costa Rica, Centroamérica  
Tel Información: (506) 2211-3700,  
Fax: (506) 2256-0690

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INTERNATIONAL: (506) 2211-3911

**Safety Data Sheet Coordinator:** sds@gruposur.com

## 2. Hazards Identification

### GHS Classification

Flam. Liq. 3

### Symbol(s) of Product



### Signal Word

Warning

### GHS HAZARD STATEMENTS

Flammable Liquid, category 3

H226 Flammable liquid and vapour.

### GHS LABEL PRECAUTIONARY STATEMENTS

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378 In case of fire: Use materials indicated in Section 5 to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Remove the contents / container according to the General Regulation for the Classification and Management of Hazardous Waste No. 41527-S-MINAE (Applies to Costa Rica). Dispose of contents/container in accordance with local/regional/national/international regulations.

### GHS SDS PRECAUTIONARY STATEMENTS

P240 Ground and bond container and receiving equipment.

|      |                                                                      |
|------|----------------------------------------------------------------------|
| P241 | Use explosion-proof [electrical/ventilating/lighting/...] equipment. |
| P242 | Use non-sparking tools.                                              |
| P243 | Take action to prevent static discharges.                            |

### 3. Composition/Information on Ingredients

| <u>Chemical Name</u>  | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u>          | <u>GHS Statements</u>            |
|-----------------------|----------------|--------------|-----------------------------|----------------------------------|
| Aliphatic Hydrocarbon | 64742-88-7     | 10-20        | GHS02-GHS07<br>-GHS08       | H226-304-313-336                 |
| Methylethylcetoxima   | 96-29-7        | 0.1-1.0      | GHS02-GHS05-<br>GHS06-GHS08 | H226-303-312-317-318-331-3<br>51 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures



**FIRST AID - INHALATION:** Artificial respiration and/or oxygen may be necessary. Keep the victim calm. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves. Oxygen or artificial respiration if needed. If inhaled, remove to fresh air. Give oxygen if necessary. Consult a physician if symptoms persist or exposure is severe.

**FIRST AID - SKIN CONTACT:** Seek medical advice. In case of skin contact, wash immediately with plenty of water for at least 20 minutes. In case of contact, wash skin immediately with soap and water. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. In case of burns, immediately wash skin with cold water. Seek medical advice. Do not remove clothes stick to the skin. Seek medical advice.

**FIRST AID - EYE CONTACT:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**FIRST AID - INGESTION:** If ingested, do not induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Heating may cause an explosion. Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). When heated, emits highly irritating and noxious vapors.

**SPECIAL FIREFIGHTING PROCEDURES:** Do not use a solid water stream as it may scatter and spread fire. Move containers from fire area if you can do it without risk. All these products have a very low flash point: Use of water spray when fighting fire may be inefficient. Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

### 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** Do not allow to enter drains, sewers, or sewers. Inform the authorities in the event of a leak in natural water courses or in the sewage system.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Water spray can reduce vapours, but may not prevent ignition in enclosed spaces. Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Use clean, non-sparking tools to collect absorbed material. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

## 7. Handling and Storage



**HANDLING:** Do not cut, drill, grind, weld, or perform similar operations on or near empty containers. Vapors are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flash back may occur. Never use air pressure for transferring product. Use only in well-ventilated areas. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children. Take precautionary measures against static discharges. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

**STORAGE:** Keep in a dry, cool and well-ventilated place. Once used, the container should be closed and keep in a well ventilated area and in vertical position to prevent losses. Keep containers closed when not in use.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>  | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|-----------------------|----------------------|-----------------------|---------------------|-------------------------|
| Aliphatic Hydrocarbon | 200 ppm              | N.E.                  | N.E.                | N.E.                    |
| Methylethylcetoxima   | N.D.                 | N.D.                  | N.E.                | N.E.                    |

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** In case of insufficient ventilation, wear suitable respiratory equipment.



**SKIN PROTECTION:** Wear nitrile or neoprene gloves. Gloves should be inspected before use. Use the correct technique to remove the gloves (without touching the exterior surface) to prevent skin contact with the product.



**EYE PROTECTION:** Wear chemical goggles and faceshield (if not wearing a full facepiece respirator). Wear approved eye protection according to applicable governmental regulations.



**OTHER PROTECTIVE EQUIPMENT:** When required, according to the concentration of the product, wear chemical protective clothing with limited thermal protection.



**HYGIENIC PRACTICES:** 022 <undefined> Wash hands and face before breaks and immediately after handling the product. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

## 9. Physical and Chemical Properties

|                               |                 |                                         |                |
|-------------------------------|-----------------|-----------------------------------------|----------------|
| Appearance:                   | Liquid          | Physical State:                         | Liquid         |
| Odor:                         | Characteristic  | Odor Threshold, ppb:                    |                |
| Density, g/ml:                | 1.728           | pH:                                     | N.A.           |
| Freeze Point, °C:             |                 | Viscosity, cP:                          |                |
| Solubility in Water:          | No              | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition temperature, °C | No Information  |                                         |                |
| Boiling Range, °C:            | 0 - 0           | Explosive Limits, %:                    | 0.0 - 99.0     |
| Combustibility:               | Sin Información | Flash Point, °C:                        | 46             |
| Evaporation Rate:             |                 | Auto-Ignition Temperature, °C           | No Information |
| Vapor Density:                |                 | Vapor Pressure, mmHg:                   |                |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Keep away from sources of ignition: heat, flame and sparks.

**INCOMPATIBILITY:** Oxidizing agents, strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological Information



### Practical Experiences

### INFORMATION ON TOXICOLOGICAL EFFECTS

**Acute Toxicity:** No Information

**Skin corrosion/irritation:** No Information

**Serious eye damage/eye irritation:** No Information

**Respiratory or skin sensitisation:** No Information

**Germ cell mutagenicity:** No Information

**Carcinogenicity:** No Information

**Reproductive toxicity:** No Information

**Specific target organ toxicity - single exposure:** No Information

**Specific target organ toxicity - repeated exposure:** No Information

**Aspiration hazard:** No Information

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u>  | <u>Oral LD50</u> | <u>Dermal LD50 (mg/kg)</u> | <u>Vapor LC50</u> |
|----------------|-----------------------|------------------|----------------------------|-------------------|
| 64742-88-7     | Aliphatic Hydrocarbon | 15000            | 3160                       | >20               |
| 96-29-7        | Methylethylcetoxima   | 3680             | 1800                       | >5                |

N.I. = No Information

**Toxicidad Dermal del producto:** 16,077.55 mg/kg

## 12. Ecological Information

**Toxicity:** No Information

**Persistence and Degradability:** No Information

**Bioaccumulative potential:** No Information

**Mobility in the soil:** No Information

**Other adverse effects:** No Information

## 13. Disposal Information

**DISPOSAL METHOD:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Prevent entry into waterways, sewers, basements or confined areas.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

### Sea Transport

UN Number: 1263  
 IMDG/GGVSee Class: 3  
 Packing Group: III  
 Shipping Name: Pintura/ Material relacionado con pintura  
 Marine Pollutant: No Information  
 Shipping Hazard(Marine Pollutant): No Information

### Air Transport

UN Number: 1263  
 ICAO/IATA Class: 3  
 Packing Group: III  
 Shipping Name: Pintura/ Material relacionado con pintura

## 15. Regulatory Information

No information available

## 16. Other Information

Revision Date: 1/7/2025      Supersedes Date: New MSDS  
 Reason for revision: No Information  
 Datasheet produced by: SUR Química S.A.

### Hazardous Material Information System: HMIS

|        |   |              |   |            |   |                     |   |                |    |              |     |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|
| Health | 1 | Flammability | 2 | Reactivity | 0 | Personal Protection | G | Chronic Hazard | No | Target Organ | N/A |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|

### National Fire Protection Association: NFPA

|              |   |        |   |            |   |                 |     |
|--------------|---|--------|---|------------|---|-----------------|-----|
| Flammability | 2 | Health | 1 | Reactivity | 0 | Special Hazards | N/A |
|--------------|---|--------|---|------------|---|-----------------|-----|

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226      Flammable liquid and vapour.

|      |                                               |
|------|-----------------------------------------------|
| H303 | May be harmful if swallowed.                  |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin.                 |
| H313 | May be harmful in contact with skin.          |
| H317 | May cause an allergic skin reaction.          |
| H318 | Causes serious eye damage.                    |
| H331 | Toxic if inhaled.                             |
| H336 | May cause drowsiness or dizziness.            |
| H351 | Suspected of causing cancer.                  |

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| GHS02 |   |
| GHS05 |   |
| GHS06 |   |
| GHS07 |   |
| GHS08 |  |

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained in this safety sheet has been prepared for SUR QUIMICA S.A. based on the data provided by suppliers and manufacturers of the raw materials involved. This document is intended to be a guide for safe use according to use. The user receiving this information must be properly trained and be able to use his independent judgment to determine its applicability in particular uses. This safety data sheet (SDS) does not in any way exempt the user from knowing and complying with the good practices and rules of use applicable to their activity. The user must assume full responsibility to know and take precautions related to the use of the product. The exposure scenario is subject to revision and changes. The user must ensure that they have the latest version of the FDS. The updated versions are available on the website [www.gruposur.com](http://www.gruposur.com)