

# Safety Data Sheet



## 1. Identification

**Product Information:** 11350010  
**Family:** 518  
**Product Name:** FONDO LIJABLE R.L.  
**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  
**Emergency Telephone:** CHEMTREC: 1-800-424-9300  
 INTERNATIONAL: (506) 2211-3911  
**Safety Data Sheet Coordinator:** sds@gruposur.com

## 2. Hazards Identification

### GHS Classification

Eye Irrit. 2, Flam. Liq. 1, Repr. 2, Skin Irrit. 2, STOT SE 2, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

|                                       |      |                                                      |
|---------------------------------------|------|------------------------------------------------------|
| Flammable Liquid, category 1          | H224 | Extremely flammable liquid and vapour.               |
| Skin Irritation, category 2           | H315 | Causes skin irritation.                              |
| Eye Irritation, category 2            | H319 | Causes serious eye irritation.                       |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness.                   |
| Reproductive Toxicity, category 2     | H361 | Suspected of damaging fertility or the unborn child. |
| STOT, single exposure, category 2     | H371 | May cause damage to organs.                          |

### GHS LABEL PRECAUTIONARY STATEMENTS

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| P201      | Obtain special instructions before use.                                                        |
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260      | Do not breathe dust/fume/gas/mist/vapours/spray.                                               |
| P264      | Wash skin thoroughly after handling.                                                           |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection.                     |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water.                                                |

|                |                                                                                                                                                                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].                                                                                                                                                                    |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                                                                                                                                                                  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                                                                                                                                            |
| P308+P311      | IF exposed or concerned: Call a POISON CENTER/doctor/...                                                                                                                                                                                                                    |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.                                                                                                                                                                                                                      |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                                                                                                |
| P321           | Specific treatment (see FIRST AID on this sheet).                                                                                                                                                                                                                           |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.                                                                                                                                                                                                                    |
| P337+P313      | If eye irritation persists: Get medical advice/attention.                                                                                                                                                                                                                   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                                                                                                                                                                    |
| P370+P378      | In case of fire: Use materials indicated in Section 5 to extinguish.                                                                                                                                                                                                        |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                                                                                                                                                            |
| P403+P235      | Store in a well-ventilated place. Keep cool.                                                                                                                                                                                                                                |
| P405           | Store locked up.                                                                                                                                                                                                                                                            |
| 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.                            |
| P270 | Do not eat, drink or smoke when using this product.                  |

**3. Composition/Information on Ingredients**

| <u>Chemical Name</u>   | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u>    | <u>GHS Statements</u>                |
|------------------------|----------------|--------------|-----------------------|--------------------------------------|
| Toluene                | 108-88-3       | 20-30        | GHS02-GHS07<br>-GHS08 | H225-304-315-319-332-336-3<br>61-371 |
| 2-butanone             | 78-93-3        | 10-20        | GHS02-GHS07           | H225-303-319-336                     |
| Isopropyl Alcohol      | 67-63-0        | 10-20        | GHS02-GHS07           | H225-319-336                         |
| Methyl Isobutyl Ketone | 108-10-1       | 2.5-10       | GHS02-GHS07           | H225-303-319-332-335                 |
| 2-Methyl-1-propanol    | 78-83-1        | 1.0-2.5      | GHS02-GHS05-<br>GHS07 | H226-303-313-315-318-335-3<br>36     |

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:** Combustible liquid. At elevated temperatures, vapors can form an ignitable

mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

**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> |
|------------------------|---------------------------|-----------------------|---------------------------|-------------------------|
| Toluene                | 20 ppm                    | N.E.                  | 200 ppm                   | N.E.                    |
| 2-butanone             | 600 mg/m <sup>3</sup> 8 h | 300                   | N.E.                      | N.E.                    |
| Isopropyl Alcohol      | 400                       | 500 ppm               | 400 ppm                   | N.E.                    |
| Methyl Isobutyl Ketone | 100                       | 416 mg/m <sup>3</sup> | 208 mg/m <sup>3</sup> 8 h | N.E.                    |
| 2-Methyl-1-propanol    | 50 ppm                    | N.E.                  | 100 ppm                   | 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

|                                      |                 |                                                 |                 |
|--------------------------------------|-----------------|-------------------------------------------------|-----------------|
| <b>Appearance:</b>                   | Liquid          | <b>Physical State:</b>                          | Liquid          |
| <b>Odor:</b>                         | Characteristic  | <b>Odor Threshold, ppb:</b>                     | Not Established |
| <b>Density, g/ml:</b>                | 0.864           | <b>pH:</b>                                      | N.A.            |
| <b>Freeze Point, °C:</b>             | No Information  | <b>Viscosity, cP:</b>                           |                 |
| <b>Solubility in Water:</b>          | No              | <b>Partition Coefficient, n-octanol/ water:</b> | No Information  |
| <b>Decomposition temperature, °C</b> | No Information  |                                                 |                 |
| <b>Boiling Range, °C:</b>            | 0 - 0           | <b>Explosive Limits, %:</b>                     | 0.0 - 99.0      |
| <b>Combustibility:</b>               | Sin Información | <b>Flash Point, °C:</b>                         | 10              |
| <b>Evaporation Rate:</b>             |                 | <b>Auto-Ignition Temperature, °C</b>            | No Information  |
| <b>Vapor Density:</b>                |                 | <b>Vapor Pressure, mmHg:</b>                    | No Information  |

(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:** It contains toluene. Inhalation of large amounts of Toluene for short periods of time adversely affects the nervous system, the kidneys, the liver and the heart. The adverse effects that occur depend on the time and amount or concentration in the exposure; These may include muscle tremors, tingling in the fingers, severe headaches, seizures, drowsiness, absence of sensations and loss of consciousness. Some effects are reversible such as fatigue, headache, loss of manual ability and narcosis and therefore disappear once the exposure is over.

**Skin corrosion/irritation:** Direct contact can cause irritation, inflammation and skin burns. Inflammation of the skin is characterized by itching, scaling, redness or occasional blistering. It could be dangerous if it's absorbed for the skin.

**Serious eye damage/eye irritation:** May cause moderate eye irritation. May cause moderate corneal injury. Vapor may cause eye irritation experienced as mild discomfort and redness. Vapor may cause lacrimation (tears).

**Respiratory or skin sensitisation:** No Information

**Germ cell mutagenicity:** No Information

**Carcinogenicity:** No Information

**Reproductive toxicity:** Contains toluene: Prolonged or repeated exposure at high concentrations causes disorders in the development of fetuses in pregnant women.

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

**Specific target organ toxicity - repeated exposure:** Contains toluene: The main effects, both acute and chronic, due to an exposure of Toluene correspond to disorders in the central nervous system; Depending on the person exposed, excitement may occur, Euphoria, irritability, rapid changes in mood, seizures, coma or death. Contains toluene. Acute exposure produces effects in the central nervous system (headache, dizziness, intoxication) and eye irritation.

**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> |
|----------------|------------------------|------------------|----------------------------|-------------------|
| 108-88-3       | Toluene                | 5580             | 12196                      | 20                |
| 78-93-3        | 2-butanone             | >2600            | 6480                       | 40                |
| 67-63-0        | Isopropyl Alcohol      | 5045             | 12800                      | 16000             |
| 108-10-1       | Methyl Isobutyl Ketone | 2080             | 16000                      | 16.4              |
| 78-83-1        | 2-Methyl-1-propanol    | 3350             | 2460                       | 24.6              |

N.I. = No Information

**Toxicidad Dermal del producto:** 150,919.74 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:                     | II                                 |
| Shipping Name:                     | Paint or material related to paint |
| Marine Pollutant:                  | No Information                     |
| Shipping Hazard(Marine Pollutant): | No Information                     |

#### Air Transport

|                  |      |
|------------------|------|
| UN Number:       | 1263 |
| ICAO/IATA Class: | 3    |
| Packing Group:   | II   |

Shipping Name:

Paint or material related to paint

**15. Regulatory Information**

No information available

**16. Other Information**

Revision Date: 18/02/2026

Supersedes Date:

New MSDS

Reason for revision: No Information

Datasheet produced by: SUR Química S.A.

**Hazardous Material Information System: HMIS**

|        |   |              |   |            |   |                     |   |                |    |              |     |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|
| Health | 1 | Flammability | 3 | Reactivity | 0 | Personal Protection | G | Chronic Hazard | Sí | Target Organ | SNC |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|

**National Fire Protection Association: NFPA**

|              |   |        |   |            |   |                 |     |
|--------------|---|--------|---|------------|---|-----------------|-----|
| Flammability | 3 | Health | 1 | Reactivity | 0 | Special Hazards | N/A |
|--------------|---|--------|---|------------|---|-----------------|-----|

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

|      |                                                      |
|------|------------------------------------------------------|
| H225 | Highly flammable liquid and vapour.                  |
| H226 | Flammable liquid and vapour.                         |
| H303 | May be harmful if swallowed.                         |
| H304 | May be fatal if swallowed and enters airways.        |
| H313 | May be harmful in contact with skin.                 |
| H315 | Causes skin irritation.                              |
| H318 | Causes serious eye damage.                           |
| H319 | Causes serious eye irritation.                       |
| H332 | Harmful if inhaled.                                  |
| H335 | May cause respiratory irritation.                    |
| H336 | May cause drowsiness or dizziness.                   |
| H361 | Suspected of damaging fertility or the unborn child. |
| H371 | May cause damage to organs.                          |

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

GHS02



GHS05



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)