

Safety Data Sheet



1. Identification

Product Information: 53505000

Family: 556

Product Name: SUR DOLOMAG FÓSFORO

Recommended Use: Soil improver

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

No GHS Classifications were found

Symbol(s) of Product

No GHS Symbols Exist

Signal Word

No Signal Word has been assigned

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
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No hazardous items exist

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. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and badly. Wash off immediately with plenty of water. 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: Not flammable. No special fire-fighting procedures are required. Runoff to sewer may create fire or explosion hazard. This material increases the risk of fire and may aid combustion. Heating may cause a fire. May re-ignite itself after fire is extinguished. Hazardous decomposition may occur.

SPECIAL FIREFIGHTING PROCEDURES: Not combustible. Non-combustible substances do not ignite on their own. Do not use a solid water stream as it may scatter and spread fire. In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

EXTINGUISHING MEDIA: None Known

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. Flush into sewer with plenty of water. Stay upwind, uphill and/or upstream. Do not touch damaged containers or spilled material, unless you are wearing appropriate protective clothing. Ventilate closed spaces before entering. 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. With clean shovel, place material into clean, dry container and cover loosely; move containers from spill area.

7. Handling and Storage



HANDLING: Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Use in well ventilated area.

STORAGE: Keep containers tightly closed. 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>
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No hazardous items exist

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: If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary.



SKIN PROTECTION: Do not wear leather gloves. 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: Safety glasses with side-shields to prevent possible splashing of the product. Wear chemical goggles and faceshield (if not wearing a full facepiece respirator). Wear approved eye protection according to applicable governmental regulations.



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: 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:	Polvo	Physical State:	Solid
Odor:	Without smell	Odor Threshold, ppb:	No Information
Density, g/ml:	1.944	pH:	N.A.
Freeze Point, °C:	No Information	Viscosity, cP:	No Information
Solubility in Water:	No	Partition Coefficient, n-octanol/ water:	No Information
Decomposition temperature, °C	No Information		
Boiling Range, °C:	Not Determined	Explosive Limits, %:	0.0 - 99.0
Combustibility:	Sin Información	Flash Point, °C:	100
Evaporation Rate:	No Information	Auto-Ignition Temperature, °C	No Information
Vapor Density:	No Information	Vapor Pressure, mmHg:	No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Avoid contact with skin.

INCOMPATIBILITY: Contact with acids liberates toxic gas. Reacts with metals, light metals and ammonia. Exothermic reaction with strong acids. Incompatible with strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritant, caustic, flammable, noxious/toxic gases and vapours can develop in the case of fire and decomposition 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: It causes severe burns on the skin. Direct dermal contact for a prolonged period can cause skin damage because it removes the lipids present, causing dryness, cracking and dermatitis; to these effects a break and fall of the exposed skin can follow.

Serious eye damage/eye irritation: Causes serious eye injuries. Severely irritating to the eyes. It can cause severe burns to eyes and skin. Adverse symptoms may include pain, tearing and redness.

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>
No				
hazardous				
items exist				

N.I. = No Information

Toxicidad Dermal del producto: 0.00 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: Prevent entry into waterways, sewers, basements or confined areas.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

Sea Transport

UN Number:	Not regulated
IMDG/GGVSee Class:	Not regulated
Packing Group:	Not regulated
Shipping Name:	Not regulated
Marine Pollutant:	No
Shipping Hazard(Marine Pollutant):	No

Air Transport

UN Number:	Not regulated
ICAO/IATA Class:	No Regulado
Packing Group:	Not regulated
Shipping Name:	Not regulated

15. Regulatory Information

No information available

16. Other Information

Revision Date:	20/3/2026	Supersedes Date:	New MSDS
Reason for revision:	No Information		
Datasheet produced by:	SUR Química S.A.		

Hazardous Material Information System: HMIS

Health	2	Flammability	0	Reactivity	0	Personal Protection	E	Chronic Hazard	No	Target Organ	N/A
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National Fire Protection Association: NFPA

Flammability	0	Health	2	Reactivity	0	Special Hazards	N/A
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Icons for GHS Pictograms shown in Section 3 describing each ingredient:

No GHS Pictograms exist for Section 3

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