

Safety Data Sheet



1. Identification

Product Information: 59980000
Family: 502
Product Name: DURABLE ANTIHONGOS MATE
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

Aquatic Acute 3, Aquatic Chronic 3, Skin Sens. 1

Symbol(s) of Product



Signal Word

Warning

GHS HAZARD STATEMENTS

Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, Acute, category 3	H402	Harmful to aquatic life.
Hazardous to the aquatic environment, Chronic, category 3	H412	Harmful to aquatic life with long lasting effects.

GHS LABEL PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

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.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Zinc Oxide	1314-13-2	1.0-2.5	GHS06-GHS09	H313-331-400-410
5-Chlor-2-methyl-3(2H)-isothiazolone	55965-84-9	0.1-1.0	GHS05-GHS07	H303-314-317-332-412
3-iodo-2-propynyl butylcarbamate	55406-53-6	0.1-1.0	GHS05-GHS07 -GHS08-GHS09	H317-318-372-410
1-Hydroxypyridine-2-thione zinc salt	13463-41-7	0.1-1.0	GHS05-GHS06- GHS09	H301-313-318-330-400-410
2-octil-2H-isotiazol-3-ona	26530-20-1	0.1-1.0	GHS05-GHS06- GHS09	H302-311-314-317-331-400

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 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.

SPECIAL FIREFIGHTING PROCEDURES: Not combustible. Non-combustible substances do not ignite on their own.

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. 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.

7. Handling and Storage



HANDLING: 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.

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>
Zinc Oxide	N.E.	N.E.	N.E.	N.E.
5-Chlor-2-methyl-3(2H)-isothiazolone	N.D.	N.E.	N.E.	N.E.
3-iodo-2-propynyl butylcarbamate	N.E.	N.E.	N.E.	N.E.
1-Hydroxypyridine-2-thione zinc salt	N.E.	N.E.	N.E.	N.E.
2-octil-2H-isotiazol-3-ona	N.E.	N.E.	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: When concentrations exceed nuisance levels, use appropriate NIOSH-approved respirator. In extreme cases a Self Contained Breathing Apparatus (SCBA) may be necessary.



SKIN PROTECTION: No special equipment required



EYE PROTECTION: Safety glasses with side-shields to prevent possible splashing of the product.



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



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:	Liquid	Physical State:	Liquid
Odor:	Characteristic	Odor Threshold, ppb:	No Information
Density, g/ml:	1.351	pH:	8
Freeze Point, °C:	No Information	Viscosity, cP:	No Information
Solubility in Water:	Sí	Partition Coefficient, n-octanol/water:	No Information
Decomposition temperature, °C	No Information		
Boiling Range, °C:	96 - 98	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: None, the product is considered inert.

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

flames.

HAZARDOUS DECOMPOSITION PRODUCTS: No Information

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>
1314-13-2	Zinc Oxide	>5000	>2000	>5.7
N.D.	5-Chlor-2-methyl-3(2H)-isothiazolone	>2000	>5000	10
55406-53-6	3-iodo-2-propynyl butylcarbamate	>5000	>5000	>20
13463-41-7	1-Hydroxypyridine-2-thione zinc salt	269	>2000	2
26530-20-1	2-octil-2H-isotiazol-3-ona	550	690	N.I.

N.I. = No Information

Toxicidad Dermal del producto: 100,000.05 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 Information

Air Transport

UN Number:	Not Regulated
ICAO/IATA Class:	Not Regulated
Packing Group:	Not Regulated
Shipping Name:	Not Regulated

15. Regulatory Information

No information available

16. Other Information

Revision Date:	26/4/2023	Supersedes Date:	26/4/2023
----------------	-----------	------------------	-----------

Reason for revision:	Product Composition Changed Substance Regulatory CAS Number Changed Substance Hazardous Flag Changed Substance Hazard Threshold % Changed Substance and/or Product Properties Changed in Section(s): 03 - Composition/Information on Ingredients 09 - Physical & Chemical Information 11 - Toxicological Information 14 - Transportation Information Statement(s) Changed
----------------------	--

Datasheet produced by:	SUR Química S.A.
------------------------	------------------

Hazardous Material Information System: HMIS

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

National Fire Protection Association: NFPA

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

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

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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

GHS05



GHS06



GHS07



GHS08



GHS09



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