

Safety Data Sheet



1. Identification

Product Information: 85051720

Family: 521

Product Name: BECC ZINC TECH INORGANIC PRIMER COMPONENT A

Recommended Use: Additive

Supplied by/Manufacturer: SUR QUIMICA S.A.
Calle 38, contiguo al Cementerio La Uruca.
San José, Costa Rica, Centroamérica
Tel Información: (506) 2211-3700,
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Safety Data Sheet Coordinator: sds@gruposur.com

2. Hazards Identification

GHS Classification

Acute Tox. 5, Aquatic Acute 2, Aquatic Chronic 1

Symbol(s) of Product



Signal Word

Warning

GHS HAZARD STATEMENTS

Acute Toxicity, Oral, category 5	H303	May be harmful if swallowed.
Hazardous to the aquatic environment, Acute, category 2	H401	Toxic to aquatic life.
Hazardous to the aquatic environment, Chronic, category 1	H410	Very toxic to aquatic life with long lasting effects.

GHS LABEL PRECAUTIONARY STATEMENTS

P273	Avoid release to the environment.
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 Dust	7440-66-6	90-100	GHS09	H303-401-410

Zinc Oxide

1314-13-2

2.5-10

GHS06-GHS09

H313-331-400-410

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.

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: 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: 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. Wet down with water and dike for later disposal.

7. Handling and Storage



HANDLING: Handle in accordance with good industrial hygiene and safety practice. IATA prohibits air cargo transport. 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 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-TL STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Zinc Dust	5 mg/m ³	N.E.	5 mg/m ³	N.E.
Zinc Oxide	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: In case of inadequate ventilation wear respiratory protection.



SKIN PROTECTION: Rubber or plastic 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.



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:	Polvo	Physical State:	Solid
Odor:	Without smell	Odor Threshold, ppb:	No Information
Density, g/ml:	7.100	pH:	N.A.
Freeze Point, °C:	No Information	Viscosity, cP:	No Information
Solubility in Water:		Partition Coefficient, n-octanol/ water:	No Information
Decomposition temperature, °C	No Information		
Boiling Range, °C:	0 - 0	Explosive Limits, %:	0.0 - 0.0
Combustibility:	Sin Información	Flash Point, °C:	Not Determined
Evaporation Rate:	No Information	Auto-Ignition Temperature, °C	No Information
Vapor Density:		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 formation of dust and aerosols.

INCOMPATIBILITY: Oxidizing agents, strong acids and strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: To avoid thermal decomposition, do not overheat.

11. Toxicological Information**Practical Experiences****INFORMATION ON TOXICOLOGICAL EFFECTS**

Acute Toxicity: Contains lead-derived compounds: Direct exposure of solid particles of lead can have cardiovascular involvement (blood vessels and heart), can cause weakness in the fingers, wrists or ankles. Exposure to lead also produces a small increase in blood pressure, especially in middle-aged and elderly people and can cause anemia. Exposure to high levels of lead can seriously damage the brain and kidneys of children and adults and cause death.

Skin corrosion/irritation: No Information

Serious eye damage/eye irritation: No Information

Respiratory or skin sensitisation: No Information

Germ cell mutagenicity: No Information

Carcinogenicity: Contains lead derivatives: Inorganic compounds containing lead are categorized by IARC into group 2A likely to be carcinogenic in humans.

Reproductive toxicity: contains lead derivatives: direct exposure to lead particles can cause alterations in the development of the fetus (effects during periods in which organs develop), in the gastrointestinal system (digestive), hematological system (blood formation), skeletal muscle (muscles and skeleton), neurological (nervous system), ocular (eyes), renal (Urinary system or kidneys) and reproductive (producing children). Exposure to high levels of lead can lead to pregnancy loss. In men, exposure to high levels can alter sperm production

Specific target organ toxicity - single exposure: No Information

Specific target organ toxicity - repeated exposure: Contains lead chromate, prolonged exposure of adults can cause a general deterioration of health, negatively affects the nervous system in the result of some tests that measure basic functions.

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>
7440-66-6	Zinc Dust	>2000	>5000	>20
1314-13-2	Zinc Oxide	>5000	>2000	>5.7

N.I. = No Information

Toxicidad Dermal del producto: 40,000.02 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:	3077
IMDG/GGVSee Class:	III
Packing Group:	9
Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
Marine Pollutant:	No
Shipping Hazard(Marine Pollutant):	No Information

Air Transport

UN Number:	3077
ICAO/IATA Class:	III
Packing Group:	9

Shipping Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
M.O.S. (fine dust (stabilized))**15. Regulatory Information**

No information available

16. Other Information

Revision Date: 4/9/2025 Supersedes Date: New MSDS

Reason for revision: No Information

Datasheet produced by: SUR Química S.A.

Hazardous Material Information System: HMIS

Health	2	Flammability	1	Reactivity	1	Personal Protection	E	Chronic Hazard	No	Target Organ	N/A
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National Fire Protection Association: NFPA

Flammability	1	Health	2	Reactivity	1	Special Hazards	-W-
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Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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

GHS06



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