

MATERIAL SAFETY DATA SHEET

According with the [EU REACH regulation \(EC\) No 1907/2006](#).

Product: **ZINKBLASS 76 CONC**

Product code: P485

Revision Number: 8 ENG

Data: December2019

1- Identification of substance or product

Trade name: **ZINKBLASS 76 CONCENTRADO**

Recommended Use: Blue trivalent passivation for metal finishing of zinc

2- Hazards Identification

2.1 Label elements according to Regulation (EC) No 1272/2008 [CLP]

Signal Word: Danger



Corrosiv Cut. Cat 1 H314: Causes severe skin burns and eye damage.

P260 Do not breathe dust/fume/gas/mist/vapors/spray

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

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

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

P363 Wash contaminated clothing before reuse

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Ingestion

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage

Store locked up

Store in a well-ventilated place. Keep cool

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None identified



Carc. 1B H350: May cause cancer

P201 Obtain special instructions before use

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P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P308 + P313 IF exposed or concerned: Get medical advice/attention

P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

P273 Evitar su liberación al medio ambiente.

P391 Recoger el vertido.

P501 Eliminar el contenido/el recipiente según normativa vigente.



Aquatic Acute 1 H410: Very toxic to aquatic life with long lasting effects

P273 Avoid release to the environment.

P391 Collect spillage

P501 Dispose of contents/container to hazardous or special waste collection point.

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3- Composition/Information on Ingredients

Classificated Chemical Components:

- Nitric acid 60% (Number CAS: 7697-37-2, Number EINEC 231-714-2, Number REACH 01-2119487297-23-XXXX) C: 5-20%. According to Regulation (EC) No 1272/2008 [CLP]: Ox .Liq.3: Skin Corr.1A H272 H314.
- Cobalt (II) Sulfate pentahydrate (Number CAS: 10124-43-3-, Number EINEC 027-005-00-0, Number REACH 01-2119517426-41. C: 4-6%
According to Regulation (EC) No 1272/2008 [CLP]: Carc.1B Acute Tox 4 Resp. .1 Skin Sens.1 Aquatic Acute 1 Aquatic Chronic1 .H350 H302 H334 H317 H400 H410119517426-41-0005).
- Ammonium Fluoride (n° CAS: 1341-49-7, n° EINEC 215-676-4, n° REACH: 01-2119489180-38-XXXX). C:1-10% According to Regulation (EC) No 1272/2008 [CLP]: Acute Tox 3 Skin Corr.1B.H301 H31419489180-38-XXXX)

4- First-aid measures:

After skin contact: Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, seek medical advice.

Alter eyes contact: Rinse opened eyes for 15 minutes ander runnig water. Then

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After swallowing: Drink water and provides fresh air. Instantly call for doctor.

Ingestion Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Call a physician immediately. If possible drink milk afterwards.

After inhalation: Supply fresh air and then seek medical advice.

5- Fire-fighting measures

- Extinguishing agents: CO₂, extinguishing powder or water jet.
- Protective equipment: Do not inhale explosion gases or combustión gases

6- Accidental release measures

- Personal Precautions Ensure adequate ventilation. Use personal protective equipment.
- Environmental Precautions See Section 12 for additional ecological information.
- Methods for Containment and CleanUp: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder,sawdust).
- Keep in suitable, closed containers for disposal.

7- Handling and storage

- Handling Do not breathe dust. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharges. Use only in area provided with appropriate exhaust ventilation. Use only in well-ventilated areas.

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- Storage Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from heat and sources of ignition and Corrosives area.

8- Exposure controls and personal protection

Personal protective equipment:

Eye protection: Tightly sealed safety glasses

Breathing equipment: Use breathing protection in case of insufficient ventilation.

Body protection: Protective work clothing and use wash hands.

9- Physical and chemical properties

- Form: Líquid
- Colour: Green
- Odour: Pungent
- pH: Acid
- Density(20°C): 1,22-1,25 g/cc
- Solubility in water: fully miscible.

10. Stability and reactivity

- Dangerous reactions: Develops corrosive gases/fumes
- Incompatible materials: Strong bases

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11-Toxicological information

Information no available

12-Ecological Information

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Very toxic to aquatic life with long lasting effects.

13-Disposal considerations

Require local normatives about disposal waste

14-Transport information

The product is a dangerous substance for transport. Códice ADR 8,17 b) UN-Number: 3264. Corrosive liquid, acid, inorganic, n.e.p.

15-Información reglamentaria

- About Precautionary Statement see part 2 of this document
- Regulations: Reglamento (CE) n. 1907/2006 (REACH) and Reglamento (CE) n. 1272/2008 (CLP)

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16- Other information

These data are base on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship