

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

Cortec VpCI-369

Version number: 2
Issued: 2023-09-13
Replaces SDS: 2023-04-14

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Cortec VpCI-369

Article No.

1369100, 1369208L, 136920L, 1369001

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Corrosion inhibitor.

1.3. Details of the supplier of the safety data sheet

Supplier

TRIBOTEC AB

Street address

Metallvägen 2

435 33 Mölnlycke

Sweden

Telephone

+46 31 887880

Email

info@tribotec.se

Fax

+46 31 887887

Web site

www.tribotec.se

Manufacturer

Cortec Corporation

Street address

4119 White Bear Parkway

55110 St. Paul, MN

USA

Telephone

(651) 429-1100

Email

compliance@cortecvci.com

Fax

(651) 429-1122

Web site

cortecvci.com

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1.4. Emergency telephone number

+(44)-870-8200418

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Hazardous to the aquatic environment — Chronic hazard category 3

Hazard statements

H412

Supplemental hazard statements

EUH208

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard statements

EUH208 Contains 2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol. May produce an allergic reaction.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

2.3. Other hazards

PBT/vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol	27136-73-8 248-248-0 - -	≥0.25 - <1%	Acute Tox. 4 - oral, Skin Corr. 1C, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1	H302, H314, H317, H318, H400, H410 - -	-

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Substance additional information

Description Mixture of the substances listed below with nonhazardous additions.

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once.

Contact physician if discomfort continues.

Skin contact

Wash the skin immediately with soap and water.

Contact physician if irritation continues or sores develop.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids.

Rinse cautiously with water for several minutes.

Get medical attention promptly if symptoms occur after washing.

Ingestion

Immediately call a POISON CENTER/doctor.

Information for doctors

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4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: Specific hazards: See section 2.

No specific symptoms noted.

Notes to the physician: Obtain medical attention and bring these instructions.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Self-contained breathing apparatus.

Suitable respiratory protective device.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No data available

6.2. Environmental precautions

Do not allow undiluted product to enter sewers/surface or ground water
 Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with sand or other inert absorbent.
 For waste disposal, see section 13.

6.4. Reference to other sections

See section 7.
 See section 8.
 See section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Store in a dry place. Store in a closed container. Keep cool.
 Provide adequate general and local exhaust ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs.
 Storage class 10

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Does not contain substances that must be indicated according to current regulations.
 Additional information: On basis of test data.

8.2. Exposure controls

Appropriate engineering controls

Local exhaust is recommended.
 Respiratory protection must be used if air contamination exceeds acceptable level.

Personal Protective Equipment Symbols



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Eye / face protection

Goggles giving complete protection to eyes.

Hand protection

Wear protective gloves.

Use protective gloves made of: Resistant material. Impermeable material.

The product consists of substances for which it is not possible to suggest a common suitable glove material. Therefore, a suitable type of gloves cannot be recommended without knowing the actual usage of the product.

Breakthrough time: The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Wear protective gloves. I.E. Nitrile. Viton rubber (fluor rubber). Neoprene.

Other skin protection

Wear protective clothing.

Respiratory protection

Under normal conditions of use respiration protection should not be required. Ventilate well.

If ventilation is insufficient, suitable respiratory protection must be provided.

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Seek advice from supervisor on the companies' respiratory protection standards.

Respiratory protection must be used if air contamination exceeds acceptable level.

Other

Observe good chemical hygiene practices. Wash hands before breaks and before smoking, eating or drinking.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Viscous liquid

Colour

Grey.

Odour

Characteristic.

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

220 °C

Flammability

No data available

Lower and upper explosion limit

No data available

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Flash point

> 120 °C

Auto-ignition temperature

not auto-flammable

Decomposition temperature

No data available

pH

No data available

Kinematic viscosity14000 mm²/s**Method**

40 °C

Solubility

No data available

Water solubility

Immiscible with water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density0.92 - 1.01 g/cm³**Method**

20 °C

Relative vapour density

No data available

Explosive properties

Not considered to be explosive.

Particle characteristics

No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under the prescribed storage conditions.

Thermal decomposition No hazardous decomposition products.

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10.3. Possibility of hazardous reactions

Hazardous Reactions: No.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

No data available

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SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

PBT/vPvB: Not applicable.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Other adverse effects

Harmful to aquatic life. fish

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

EWC-code:

The European Waste Catalogue (EWC) waste codes do not refer to product but to origin.

The manufacturer is therefore unable to quote a waste code for products which are used in various industries.

Read and follow manufacturer's recommendations.

HP14 Ecotoxicity:

Packaging

Dispose of contents/container in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

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14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

ANNEX I

None of the ingredients are listed.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered: Number on list 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

None of the ingredients are listed.

National regulations

No data available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Changes to previous revision

1, 3, 9, 11, 12, 13, 16.

2023-09-13 mindre ändringar

Abbreviations

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG - International Maritime Dangerous Goods

IATA - International Air Transport Association

GHS - Globally Harmonized System

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstract Service Number

PBT = Persistent, Bioaccumulative and Toxic.

vPvB = very Persistent and very Bioaccumulative.

Phrase meaning

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Corr. 1C - Skin corrosion, hazard category 1C

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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.

EUH208 Contains 2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol. May produce an allergic reaction.

Additional information

The information provided in this safety data sheet is correct to the best of TriboTec AB knowledge at the specified date of revision and shall under no circumstances be viewed as comprehensive. The information is only intended as a guide for safe handling, use and processing and shall not be considered a warranty or quality specification in any respect. No guarantees are made for specific uses or because the product is suitable for the user's intended use in final application. The information relates only to the specified material and does not apply to this material used in combination with any other material or process unless stated in the text. It is the user's responsibility to ensure that the handling meets current legal requirements and that the necessary tests are carried out by the product's suitability for the user's intended end application. As for TriboTec AB responsibility in general is referred to what appears in that regard from www.tribotec.se / Company / Disclaimer.