

Safety Data Sheet

according to Hazardous Products Regulations (HPR; SOR/2015-17)

Trade name : ETAS0700
Revision date : 08.11.2024
Print date : 08.11.2024

Version (Revision) : 1.0.1

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

1.1 Product identifier

ETA S 0700

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

Relevant identified uses

Cleaning agent

Uses advised against

No information available.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor)

CNCmarket.ca Inc.

Street : 2360 Portland Street SE

Postal code/City : Calgary, AB, T2G5S2

Telephone : [+1 825 454 66 97](tel:+18254546697)

E-mail address : info@CNCmarket.ca

1.4 Emergency telephone number

Chemtrec: **1-800-424-9300** (24h/7d)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to HPR (SOR/2015-17)

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

2.2 Label elements

Labelling according to HPR (SOR/2015-17)

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

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

P310 Immediately call a POISON CENTER/doctor/....

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

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P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents and container in accordance with all local and national regulations.

2.3 Other hazards

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6

Weight fraction : $\geq 10 - < 15$ %

Classification: Skin Corr. 1B ; H314 Eye Dam. 1 ; H318

Poly(oxyethylene(dimethyliminio)-ethylene (dimethyliminioethylene))-dichloride ; CAS No. : 31075-24-8

Weight fraction : $\geq 0,5 - < 1$ %

Classification: Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

BIPHENYL-2-OL ; CAS No. : 90-43-7

Weight fraction : $\geq 0,25 - < 0,5$ %

Classification: Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335 Aquatic Acute 1 ; H400

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT ; CAS No. : 3811-73-2

Weight fraction : $\geq 0,025 - < 0,25$ %

Classification: Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 STOT RE 1 ; H372 (nervous system) Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319 Aquatic Acute 1 ; H400 Aquatic Chronic 2 ; H411 EUH070

Additional information

TRIETHANOLAMIN ; CAS No. : 102-71-6

Weight fraction : 10 - 20 %

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove affected person from the danger area and lay down. When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician. Change contaminated, saturated clothing.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Suitable extinguishing media

Foam, Extinguishing powder, Carbon dioxide (CO₂), Water spray jet, Water mist

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Smoke and other incomplete combustion products.

5.3 Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Avoid contact with skin, eyes and clothes. Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protection equipment (refer to section 8). Avoid contact with skin, eyes and clothes. Use only in well-ventilated areas. Handle and open container with care.

Protective measures

Measures to prevent fire

No special fire protection measures are necessary.

Environmental precautions

Do not allow to enter into surface water or drains.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Do not store together with

Food and feedingstuffs

Further information on storage conditions

Recommended storage temperature : 5 - 40°C / 40 - 105°F.

Storage stability : Product may be stored for up to 12 months under described conditions.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

| | |
|-------------------------------------|--|
| Triethanolamine; CAS No. : 102-71-6 | Alberta Provincial (Canada). OEL: 5 mg/m ³ 8 hours British Columbia Provincial (Canada). TWA: 5 mg/m ³ 8 hours Ontario Provincial (Canada). TWA: 3.1 mg/m ³ 8 hours TWA: 0.5 ppm 8 hours Québec Provincial (Canada). TWAEV: 5 mg/m ³ 8 hours Saskatchewan Provincial (Canada). STEL: 10 mg/m ³ 15 minutes TWA: 5 mg/m ³ 8 hours |
|-------------------------------------|--|

NOTE: Limits/standards shown for guidance only. Follow applicable regulations

8.2 Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Eye/face protection

Eye glasses with side protection EN 166

Skin protection

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves must be worn: DIN EN 374

Suitable material :

Wearing time with permanent contact:

Material: NBR (Nitrile rubber),

Thickness of the glove material: 0,70 mm

Breakthrough time (maximum wearing time): > 480 min

Wearing time with occasional contact (splashes):

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Material: NBR (Nitrile rubber),
Thickness of the glove material: 0,40 mm
Breakthrough time (maximum wearing time): > 30 min

Breakthrough time (maximum wearing time): : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Check leak tightness/impermeability prior to use.

Body protection

If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Respiratory protection

Usually no personal respiratory protection necessary. Respiratory protection necessary at: insufficient ventilation, aerosol or mist formation.

Suitable respiratory protection apparatus

Combination filtering device

General information

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Apply skin care products after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow

Odour : characteristic

Safety characteristics

| | | | | |
|--|-----------------|---|-------------------------|-------------------|
| Melting point/freezing point : | | | | No data available |
| Initial boiling point and boiling range : | (1013 hPa) | > | 100 °C | |
| Flammability: | | | flammable | |
| Lower explosion limit : | | | not determined | |
| Upper explosion limit : | | | not determined | |
| Flash point : | | > | 100 °C | DIN EN ISO 2592 |
| Auto-ignition temperature : | | | not determined | |
| Decomposition temperature : | | | not determined | |
| pH : | (20 °C / 1 %) | | 9,6 | |
| Cinematic viscosity : | (40 °C) | | not relevant | DIN EN ISO 3104 |
| Water solubility : | (20 °C) | | miscible | |
| log P O/W : | | | not applicable | |
| Vapour pressure : | (20 °C) | | No data available | |
| Density : | (15 °C) | | 1,084 g/cm ³ | DIN EN ISO 12185 |
| Relative vapour density : | (20 °C) | | No data available | |

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on hazard classes

Toxicological data are not available. The statement is derived from the properties of the single components.

Acute toxicity

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

Acute oral toxicity

Parameter : LD50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Exposure route : Oral
Species : Rat
Effective dose : 2560 - 3000 mg/kg
Parameter : LD50 (BIPHENYL-2-OL ; CAS No. : 90-43-7)
Exposure route : Oral
Species : Rat
Effective dose : 2000 mg/kg

Acute dermal toxicity

Parameter : LD50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 3000 mg/kg
Method : OECD 402

Acute inhalation toxicity

Parameter : LC50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Exposure route : Inhalation
Species : Rat
Effective dose : > 8,7 mg/m³
Exposure time : 8 h

Corrosion

Causes severe skin burns and eye damage.

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Rabbit
Result : corrosive
Method : OECD 404

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Rabbit
Result : corrosive

Respiratory or skin sensitisation

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

Skin sensitisation

Parameter : Skin sensitisation (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Guinea pig
Result : Not sensitising.
Method : OECD 406

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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Carcinogenicity

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

Germ cell mutagenicity

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

STOT SE 1 and 2

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

STOT-repeated exposure

STOT RE 1 and 2

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

Aspiration hazard

Based on available data, the classification criteria are not met. For viscosity data, see section 9.

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

For the product ecotoxicological data are not available. The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

Aquatic toxicity

Harmful to aquatic life.

Acute (short-term) fish toxicity

Parameter : LC50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Leuciscus idus (golden orfe)
Effective dose : 460 mg/l
Exposure time : 96 h
Method : DIN 38412 / part 15

Acute (short-term) toxicity to crustacea

Parameter : EC50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Daphnia magna (Big water flea)
Effective dose : 190 mg/l
Exposure time : 48 h
Method : OECD 202

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 (2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6)
Species : Desmodesmus subspicatus
Effective dose : 162 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

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No information available.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal. Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Do not pressurise, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

SECTION 14: Transport information

14.1 UN number or ID number

UN 1760

14.2 UN proper shipping name

Land transport (DOT/ TDG)

CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)-ETHANOL)

Sea transport (IMDG)

CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)-ETHANOL)

Air transport (ICAO-TI / IATA-DGR)

CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)-ETHANOL)

14.3 Transport hazard class(es)

Land transport (DOT / TDG)

Class(es) : 8
Classification code : C9
Hazard identification number (Kemler No.) : 80
Special Provisions : LQ 5 | · E 1
Hazard label(s) : 8

Sea transport (IMDG)

Class(es) : 8
EmS-No. : F-A / S-B
Special Provisions : LQ 5 | · E 1
Hazard label(s) : 8

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8
Special Provisions : E 1
Hazard label(s) : 8

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

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SECTION 15: Regulatory information

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

National regulations Canada

NFPA Hazard ID: Health: 2; Flammability: 1; Reactivity: 1

HMIS Hazard ID: Health: 2; Flammability: 1; Reactivity: 1

CEPA: All components of this product are either on the Domestic Substance List (DSL) or are exempt.

This material is considered to be hazardous according to regulatory guidelines.

This product has been classified in accordance with hazard criteria of the Hazardous Products Regulations (HPR) SOR/2015-17 and the SDS contains all the information required by the HPR SOR/2015-17.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonized System on the Classification and Labelling of Chemicals

CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

16.3 Key literature references and sources for data

Sources of information used in preparing this SDS included one or more of the following: Product Dossiers and SDS from suppliers, complemented by public sources, as appropriate (GESTIS, the EU IUCLID Data Base, U.S. NTP publications, e.g.).

16.4 Classification for mixtures and used evaluation method

No information available.

16.5 Relevant H-phrases (Number and full text)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |

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| | |
|--------|---|
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H335 | May cause respiratory irritation. |
| 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. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH070 | Toxic by eye contact. |

16.6 Training advice

Provide adequate information, instruction and training for operators.

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
