

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 1 of 12
Print date: 10/02/2020

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: CTX-52 Gelacid
Product Code: 0052CM

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

De-scaler

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **FLUIDRA COMERCIAL ESPAÑA**
Address: Pintor Velazquez, 10
City: 08213 Polinyà (Barcelona) España
Province: Barcelona
Telephone: telf: 902 42 32 22
Fax: +34 93 713 41 11
E-mail: fds@inquire.com
Web: www.fluidra.es

1.4 Emergency telephone number:

Anti poisoning centre:

ITALY (Rome): 06/305 43 43

ITALY (Milan): 02/66 10 10 29

SPAIN: +34 91 562 04 20

FRANCE (Paris): 01 40 05 48 48 FRANCE (Toulouse): 05 61 77 74 47 FRANCE (Marseille): 04 91 75 25 25

PORTUGAL: 808 250 143

BELGIQUE (Brussel): (+34) 070 245 245

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:

Eye Dam. 1 : Causes serious eye damage.

Skin Corr. 1A : Causes severe skin burns and eye damage.

STOT SE 3 : May cause respiratory irritation.

STOT SE 3 : May cause drowsiness or dizziness.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

Danger

H statements:

H314

Causes severe skin burns and eye damage.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 2 of 12
Print date: 10/02/2020

H335 May cause respiratory irritation.

P statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or a doctor
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Contains:
hydrochloric acid
Amines, tallow alkyl, ethoxylated

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

| Identifiers | Name | Concentrate | (*)Classification - Regulation (EC) No 1272/2008 | |
|---|-----------------------------------|-------------|---|---|
| | | | Classification | specific concentration limit |
| Index No: 017-002-01-X EC No: 231-595-7 Registration No: 01-2119484862-27-XXXX | hydrochloric acid | 10 - 25 % | STOT SE 3, H335 - Skin Corr. 1B, H314 | Skin Corr. 1B, H314: C ≥ 25 % Skin Irrit. 2, H315: 10 % ≤ C < 25 % Eye Irrit. 2, H319: 10 % ≤ C < 25 % STOT SE 3, H335: C ≥ 10 % |
| CAS No: 61791-26-2 EC No: 500-153-8 | Amines, tallow alkyl, ethoxylated | 1 - 3 % | Acute Tox. 4, H302 - Aquatic Acute 1, H400 - Skin Corr. 1B, H314 | - |
| Index No: 603-117-00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01-2119457558-25-XXXX | [1] propan-2-ol | 0 - 10 % | Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336 | - |

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a Community workplace exposure limit (see section 8.1).

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 3 of 12
Print date: 10/02/2020

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners. The use of personal protective equipment is recommended for people providing first aid (see section 8).

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

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

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 4 of 12
Print date: 10/02/2020

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.
For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers at room temperature, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills. The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

None in particular.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

| Name | CAS No. | Country | Limit value | ppm | mg/m ³ |
|-------------|---------|------------------------------|--------------------|-----|-------------------|
| propan-2-ol | 67-63-0 | United Kingdom [1] | Eight hours | 400 | 999 |
| | | | Short term | 500 | 1250 |
| | | United States [2] (Cal/OSHA) | Eight hours | 400 | |
| | | | Short term | 500 | |
| | | United States [3] (NIOSH) | Eight hours | 400 | |
| | | | Short term | 500 | |
| | | United States [4] (OSHA) | Eight hours | 400 | 980 |
| | | | Short term | | |

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[3] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[4] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3

Revision date: 10/02/2020

Page 5 of 12

Print date: 10/02/2020

The product does NOT contain substances with Biological Limit Values.
Concentration levels DNEL/DMEL:

| Name | DNEL/DMEL | Type | Value |
|--|---------------------------|---|--------------------------|
| propan-2-ol CAS No: 67-63-0 EC No: 200-661-7 | DNEL (Workers) | Inhalation, Long-term, Systemic effects | 500 (mg/m ³) |
| | DNEL (General population) | Inhalation, Long-term, Systemic effects | 89 (mg/m ³) |
| | DNEL (Workers) | Dermal, Long-term, Systemic effects | 888 (mg/kg bw/day) |
| | DNEL (General population) | Dermal, Long-term, Systemic effects | 319 (mg/kg bw/day) |
| | DNEL (General population) | Oral, Long-term, Systemic effects | 26 (mg/kg bw/day) |

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

| Name | Details | Value |
|--|------------------------------------|---------------------------------|
| propan-2-ol CAS No: 67-63-0 EC No: 200-661-7 | aqua (freshwater) | 140,9 (mg/L) |
| | aqua (marine water) | 140,9 (mg/L) |
| | aqua (intermittent releases) | 140,9 (mg/L) |
| | sediment (freshwater) | 552 (mg/kg sediment dw) |
| | sediment (marine water) | 552 (mg/kg sediment dw) |
| | Soil | 28 (mg/kg soil dw) |
| | STP oral (Hazard for predators) | 2251 (mg/L) 160 (mg/kg food) |

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

| | | |
|------------------------------|---|--|
| Concentration: | 100 % | |
| Uses: | De-scaler | |
| Breathing protection: | | |
| PPE: | Particle filter mask | |
| Characteristics: | «CE» marking, category III. Made of filtering material, it covers nose, mouth and chin. | |
| CEN standards: | EN 149 | |
| Maintenance: | Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use. | |
| Observations: | Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment. | |
| Filter Type needed: | P2 | |
| Hand protection: | | |
| PPE: | Protective gloves. | |
| Characteristics: | «CE» marking, category II. | |
| CEN standards: | EN 374-1, En 374-2, EN 374-3, EN 420 | |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3

Revision date: 10/02/2020

Page 6 of 12

Print date: 10/02/2020

| | | | |
|-------------------------|--|---------------------------|-------|
| Maintenance: | Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives. | | |
| Observations: | Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands. | | |
| Material: | PVC (polyvinyl chloride) | Breakthrough time (min.): | > 480 |
| | | Material thickness (mm): | 0,35 |
| Eye protection: | | | |
| PPE: | Face shield. | | |
| Characteristics: | «CE» marking, category II. Face and eye protector against splashing liquid. | | |
| CEN standards: | EN 165, EN 166, EN 167, EN 168 | | |
| Maintenance: | Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly. | | |
| Observations: | Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame. | | |
| Skin protection: | | | |
| PPE: | Protective clothing. | | |
| Characteristics: | «CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements. | | |
| CEN standards: | EN 340 | | |
| Maintenance: | In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer. | | |
| Observations: | The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use. | | |
| PPE: | Work footwear. | | |
| Characteristics: | «CE» marking, category II. | | |
| CEN standards: | EN ISO 13287, EN 20347 | | |
| Maintenance: | This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people. | | |
| Observations: | Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident | | |



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Gelatinous liquid

Colour: Purple

Odour: Characteristic (spicy)

Odour threshold: N.A./N.A.

pH: 0,1 - 1 (20 °C)

Melting point: N.A./N.A.

Boiling Point: >100 °C

Flash point: 183 °C

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A.

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: 23,676

Vapour density: N.A./N.A.

Relative density: 1.05 - 1.09 g/cm³

Solubility: N.A./N.A.

Liposolubility: Etanol, éter, benceno, acetona

Hydrosolubility: 100 %

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 7 of 12
Print date: 10/02/2020

Explosive properties: N.A./N.A.
Oxidizing properties: No applicable

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information.

Pour point: N.A./N.A.
Blink: N.A./N.A.
Kinematic viscosity: N.A./N.A.
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with:
- Bases.

10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with bases.

10.4 Conditions to avoid.

- Avoid contact with bases.

10.5 Incompatible materials.

Avoid the following materials:
- Bases.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:
- Corrosive vapors or gases.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Toxicological information about the substances present in the composition.

| Name | Acute toxicity | | | |
|---|----------------|------|--------|-------------------|
| | Type | Test | Kind | Value |
| hydrochloric acid CAS No: EC No: 231-595-7 | Oral | LD50 | Rat | 700 mg/kg |
| | Dermal | LD50 | Rabbit | > 5010 mg/kg |
| | Inhalation | LC50 | Rat | 4.6 mg/l |
| Amines, tallow alkyl, ethoxylated CAS No: 61791-26-2 EC No: 500-153-8 | Oral | LC50 | Rat | 2000 mg/kg |
| | Dermal | | | |
| | Inhalation | | | |
| propan-2-ol | Oral | LD50 | Rat | 5840 mg/kg bw [1] |
| | | LD50 | Rat | 5840 mg/kg bw [2] |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 8 of 12
Print date: 10/02/2020

| | | |
|---------------------------------------|------------|--|
| CAS No: 67-63-0 EC No: 200-661-7 | | [1] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, J Ind Hyg Toxicol 30(1):63-68 [2] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, J Ind Hyg Toxicol 30(1):63-68 |
| | Dermal | LD50 Rabbit 13900 mg/kg [1] [1] OCDE 402 |
| | Inhalation | LC50 Rat > 25000 mg/kg [1] [1] OCDE 403 |

a) acute toxicity;
Not conclusive data for classification.

b) skin corrosion/irritation;
Product classified:
Skin Corrosive, Category 1A: Causes severe skin burns and eye damage.

c) serious eye damage/irritation;
Product classified:
Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;
Not conclusive data for classification.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Product classified:
Specific target organ toxicity following a single exposure, Category 3:

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

| Name | Ecotoxicity | | | |
|--|-----------------------|------|---------|-----------------|
| | Type | Test | Kind | Value |
| hydrochloric acid CAS No: EC No: 231-595-7 | Fish | LC50 | Fish | 282 mg/l (96 h) |
| | Aquatic invertebrates | EC50 | Daphnia | 56 mg/l (72 h) |
| | Aquatic plants | | | |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 9 of 12
Print date: 10/02/2020

| | | | | |
|---|-----------------------|------|---------------------|--|
| Amines, tallow alkyl, ethoxylated CAS No: 61791-26-2 EC No: 500-153-8 | Fish | LC50 | Fish | 0.99 mg/l (96 h) |
| | Aquatic invertebrates | | | |
| | Aquatic plants | | | |
| propan-2-ol CAS No: 67-63-0 EC No: 200-661-7 | Fish | LC50 | Fish | 9640 mg/l (96 h) [1] |
| | | LC50 | Pimephales promelas | 10000 mg/l (96 h) [2] |
| | Aquatic invertebrates | EC50 | Daphnia magna | 9714 mg/L (24 h) [1] |
| | | LC50 | Daphnia magna | >10000 mg/l (24 h) [2] |
| | | | | [1] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation. [2] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation. |
| | Aquatic plants | | | |

12.2 Persistence and degradability.

There is no information available on the degradability of the substances present.
No information is available regarding the degradability of the substances present. No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

| Name | Bioaccumulation | | | |
|--|-----------------|-----|-------|----------|
| | Log Pow | BCF | NOECs | Level |
| propan-2-ol N. CAS: 67-63-0 EC No: 200-661-7 | 0,05 | - | - | Very low |

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 10 of 12
Print date: 10/02/2020

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number.

UN No: UN1760

14.2 UN proper shipping name.

Description:

ADR: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS HYDROCHLORIC ACID), 8, PG II, (E)

IMDG: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS HYDROCHLORIC ACID), 8, PG II

ICAO/IATA: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS HYDROCHLORIC ACID), 8, PG II

14.3 Transport hazard class(es).

Class(es): 8

14.4 Packing group.

Packing group: II

14.5 Environmental hazards.

Marine pollutant: No

14.6 Special precautions for user.

Labels: 8



Hazard number: 80

ADR LQ: 1 L

IMDG LQ: 1 L

ICAO LQ: 0,5 L

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-B

Proceed in accordance with point 6.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

The product is not transported in bulk.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3
Revision date: 10/02/2020

Page 11 of 12
Print date: 10/02/2020

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): Not dangerous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Eye irritation, Category 2
Flam. Liq. 2 : Flammable liquid, Category 2
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3
Skin Corr. 1A : Skin Corrosive, Category 1A
Skin Corr. 1B : Skin Corrosive, Category 1B

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AwSV: Facility Regulations for handling substances that are hazardous for the water.
BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organization.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



0052CM-CTX-52 Gelacid

Version: 3

Revision date: 10/02/2020

Page 12 of 12

Print date: 10/02/2020

IMDG: International Maritime Code for Dangerous Goods.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
Log Pow: Logarithm of the partition octanol-water.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.
WGK: Water hazard classes.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.