

Champlor

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier

Product Name CRUDE GLYCERINE 80% (CHLORIDE)
Alternative names Glycerol, Glycyl alcohol, 1,2,3 - propanetriol
CAS No. None.
EC No. None.
REACH Registration No. None assigned.

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

Identified Use(s) Technical application. Animal feed stuff processing.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification VALTRIS Champlor
Address of Supplier Z.I. Baleyecourt,
55100 VERDUN,
France
Telephone +33 (0) 3 29 83 32 00
Fax +33 (0) 3 29 86 18 15
E-mail SDS.Champlor@Valtris.com

1.4 Emergency telephone number

Emergency Phone No. +32 / (0)14 58 45 45 (24 hour)
Contact BIG
National Poisons Information Service +00 448 706 006 266 NHS Direct - 0845 4647 or 111
(Birmingham Centre)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

Product Name CRUDE GLYCERINE 80% (CHLORIDE)
Hazard Pictogram(s) None.
Signal Word(s) None.
Hazard Statement(s) None.
Precautionary Statement(s) None.
Additional label requirements None.

2.3 Other hazards

Low toxicity under normal conditions of handling and use. May cause irritation to skin, eyes and respiratory system. Combustion or thermal decomposition will evolve toxic and corrosive vapours.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product Description : Glycerine (may contain up to 8% w/w sodium chloride)

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Glycerol	56-81-5	200-289-5 01-2119471987-18-XXXX	> 80	Not classified	
Sodium chloride	7647-14-5	231-598-3 01-2119485491-33-XXXX	< 8	Not classified	

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Remove patient from exposure, keep warm and at rest. Obtain medical attention if ill effects occur.
Skin Contact Remove contaminated clothing. Wash skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical attention.
Ingestion Do not induce vomiting. Wash out mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

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None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment and supportive therapy as indicated.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Water spray should be used to cool containers and to protect surrounding equipment and buildings.

Unsuitable extinguishing media

None.

5.2 Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and corrosive vapours. Glycerol decomposes upon heating above 290°C, forming a corrosive gas (acrolein).

5.3 Advice for firefighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

6.2 Environmental precautions

Do not allow spillages to enter drains, sewers, or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

6.4 Reference to other sections

See Also Section 8, 13.

6.5 Additional Information

None.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid prolonged skin contact. Avoid inhalation of high concentrations of mists. Keep away from heat and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

For immediate usage. Keep in a cool place away from heat, sources of ignition and oxidising agents.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

Technical application. Animal feed stuff processing.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Glycerol	56-81-5		10			

Region

Source

United Kingdom

Workplace Exposure Limits (WEL)

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection

Wear protective eye glasses for protection against liquid splashes.



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Skin protection

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

Wear suitable respiratory protective equipment if exposure to mist is likely. Where a cartridge/canister respirator is suitable use: Type P (CEN 143)
Check with protective equipment manufacturer's data.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls

Do not allow spillages to enter drains, sewers, or watercourses.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid. Colour : Yellow Brown.
Odour	Light.
Odour threshold	Not known.
pH	Mildly alkaline.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	approx 290°C
Flash Point	>160°C [Closed cup]
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	0.0025mm Hg @ 50°C
Vapour density	Not known.
Density (g/ml)	1.25g/ml
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Miscible. Solubility (Other) : Miscible -Alcohols .
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Kinematic Viscosity : 70cSt @ 40°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

Pour Point (°C) 21°C

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Keep away from strong oxidising agents.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Combustion or thermal decomposition will evolve toxic and corrosive vapours. Glycerol decomposes upon heating above 290°C, forming a corrosive gas (acrolein).

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11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low oral toxicity. The swallowing of small amounts is unlikely to cause any adverse effects.
Acute toxicity - Skin Contact	Unlikely to be hazardous by skin absorption.
Acute toxicity - Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature.
Skin corrosion/irritation	May cause mild skin irritation.
Serious eye damage/irritation	May cause mild eye irritation.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenic effects.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	
Respiratory irritation	High concentrations of mist may be slightly irritant to the respiratory tract.
Long Term Exposure	Chronic effects are unlikely.

12. SECTION 12: ECOLOGICAL INFORMATION

This environmental hazard assessment is based on a consideration of the components of the substance.

12.1 Toxicity

Toxicity - Aquatic invertebrates	Not harmful to aquatic organisms.
Toxicity - Fish	Low toxicity to invertebrates.
Toxicity - Algae	Low toxicity to fish.
Toxicity - Sediment Compartment	Low toxicity to algae.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and Degradation

Readily biodegradable.

12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.

12.4 Mobility in soil

Liquid with low volatility. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of empty containers and wastes safely.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed.

REACH: ANNEX XIV list of substances subject to authorisation

Not listed.

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REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not listed.
Community Rolling Action Plan (CoRAP)	Not listed.
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed.
Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer	Not listed.
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed.
National regulations UK Control Regulations	Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals - Control of Substances Hazardous to Health Regulations HSG193.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

15.3 Inventory Status

None.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

Acronyms
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key Literature References None.

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