

SAFETY DATA SHEET



Product name: Unocut Aqua 3010
Supersedes date: 2019-12-17
Product No.: 61050

Page: 1/12
Last revised date: 2021-10-08
SDS-ID: EU-EN/3.2

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

1.1. Product identifier

Product name: Unocut Aqua 3010

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

Application: Cutting coolant.

1.3. Söluaðili Olís ehf.
Skútuvogur 5
104 Reykjavík
Sími: 515 1000
Netfang: olis@olis.is
Veffang: www.olis.is

1.4. Neyðarsímanúmer
Neyðarlínan: 112
Eitrunarmiðstöð LSH: 543 2222

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP: The product is classified: Skin Irrit. 2;H315 - Eye Irrit. 2;H319 - Skin Sens. 1;H317 - Carc. 1B;H350 - Repr. 2;H361fd - Aquatic Chronic 3;H412

2.2. Label elements



Danger

Contains: Branched fatty acids, potassium salts
3,3'-Methylenebis[5-methyloxazolidine]

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H412 Harmful to aquatic life with long lasting effects.

P201 Obtain special instructions before use.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye and 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.

P308 + P313 IF exposed or concerned: Get medical advice/attention.
Restricted to professional users.

2.3. Other hazards

PBT/vPvB: This product does not contain any PBT or vPvB substances.

Other: The product contains small amounts of organic solvents. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

The product contains: mineral oil (DMSO < 3% (IP 346)) and additives.

3,3'-Methylenebis[5-methyloxazolidine] - Information from the raw material supplier(s): Maximum theoretical concentration of releasable formaldehyde in the mixture < 1%.

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CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes</u> :
1 - < 5	-	940-217-6	01-2120009438-58	Branched fatty acids, potassium salts	Eye Irrit. 2;H319 Repr. 2;H361fd Aquatic Chronic 2;H411	
1 - < 5	68608-26-4	271-781-5	01-2119527859-22	Sulfonic acids, petroleum, sodium salts	Eye Irrit. 2;H319	
1 - < 5	112-34-5	203-961-6	01-2119475104-44	Diethylene glycol monobutyl ether	Eye Irrit. 2;H319	
1 - < 5	-	700-972-2	01-2119968565-22	Amides, C18-unsatd, N,N-bis (hydroxyethyl)	Skin Irrit. 2;H315 Eye Irrit. 2;H319 Aquatic Chronic 2;H411	
1 - < 1,5	68131-39-5	500-195-7	-	Alcohols C12-5, ethoxylated	Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 3;H412	
1 - < 1,5	66204-44-2	266-235-8	-	3,3'-Methylenebis[5-methyloxazolidine]	Acute Tox. 3;H311 Acute Tox. 4;H302 Acute Tox. 4;H332 Skin Corr. 1B;H314 Eye Dam. 1;H318 Skin Sens. 1A;H317 Muta. 2;H341 Carc. 1B;H350 STOT RE 2;H373 Aquatic Chronic 2;H411	

References: The full text for all hazard statements is displayed in section 16.

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink 1-2 glasses of water. Keep person under observation. If uncomfortable: Transportation to hospital. Bring along these instructions.

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

Symptoms/effects: Skin: Prolonged skin contact may cause redness, irritation and dry skin. May cause an allergic skin reaction.
Eye: Pain, redness, swelling and lacrimation.

See section 11 for more detailed information on health effects and symptoms.

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

Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: During fire, gases hazardous to health may be formed. Containers can burst violently when heated, due to excess pressure build-up. Do not allow run-off from fire fighting to enter drains and water courses.

5.3. Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of vapours and aerosols and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces. Follow precautions for safe handling described in this safety data sheet. Avoid any exposure.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Absorb spillage with absorbing material. Inform Authorities if large amounts are involved.
Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers.
Absorb spillage and wash contaminated area with water. Clean contaminated area with oil-removing material. Collect spillage in metal/plastic container with tight-fitting lid, with indication of the contents.

6.4. Reference to other sections

References: For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Avoid inhalation of aerosols and contact with skin and eyes. Observe good chemical hygiene practices. Avoid any exposure.

Technical measures: Work practice should minimise contact. Use work methods which minimise spreading of vapours, dust, smoke, aerosols, splashes etc. to the extent technically possible. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Do not eat, drink or smoke when using the product.

Technical precautions: Local exhaust is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container in a cool and well-ventilated place.

7.3. Specific end use(s)

Specific use(s): Not relevant.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>		<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
112-34-5	2-(2-Butoxyethoxy)ethanol	-	10 ppm	67.5 mg/m3	-	-	EC
		-	15 ppm	101.2 mg/m3	-	15min	

Notes: EC: Commission Directives 2009/148/EC, 2004/37/EC, 2000/39/EC and 91/322/EEC, with amendments.

8.2. Exposure controls

Engineering measures:

Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of spray. The risk of inhalation of vapours and spray mist must be minimised as much as possible. Minimise the risk of formation of aerosols.

Provide access to washing facilities incl. soap, skin cleanser and fatty cream.

Personal protection:

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

Respiratory equipment:

Use respiratory equipment with combination filter, type A2/P3.

Hand protection:

Wear protective gloves. Nitrile gloves are recommended. Other types of gloves can be recommended by the glove supplier.

Eye protection:

Risk of splashes: Wear goggles/face shield.

Skin protection:

Wear apron or protective clothing in case of contact.

Hygiene measures:

Wash hands after contact. Wash contaminated clothing before reuse. When using do not eat, drink or smoke. Personal protection must be kept separate from other clothes. Do not store tobacco, food or beverage in work rooms or areas where the product is used.

Environmental Exposure Controls:

Not available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Amber-coloured liquid

Odour: Mild. Characteristic.

pH: 9,7 (5%)

Boiling point: > 100°C

Flash point: closed cup: > 100°C

Vapour pressure: Not available.

Relative density: 0,9

Solubility: Not available.

Auto-ignition temperature (°C): > 150°C

Viscosity: Not available.

Explosive properties: Not available.

9.2. Other information

Other data: Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: None known.

10.2. Chemical stability

Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions: None known.

10.4. Conditions to avoid

Conditions/materials to avoid: Keep away from heat, sparks and open flame.

10.5. Incompatible materials

Incompatible materials: Strong oxidizing and reducing substances.

10.6. Hazardous decomposition products

Hazardous decomposition products: None in particular.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
3,3'-Methylenebis[5-methyloxazolidine] - Information from the raw material supplier(s): Maximum theoretical concentration of releasable formaldehyde in the mixture < 1%.

Carcinogenicity: May cause cancer.

Reproductive Toxicity: Suspected of damaging fertility. Suspected of damaging the unborn child.

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.

Inhalation: Vapours and aerosols formed at high cutting speeds may irritate throat and respiratory system and cause coughing.

Skin contact: Irritating to skin. Degreasing. May cause an allergic skin reaction.

Eye contact: Irritating and may cause redness and pain.

Ingestion: May irritate and cause malaise.
May cause nausea, stomach pain and vomiting.

Specific effects: Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
May cause cancer.

Toxicological data: Branched fatty acids, potassium salts:
LD50 (oral, rat): > 5000 mg/kg

Sulfonic acids, petroleum, sodium salts:
LD50 (oral, rat): > 5000 mg/kg
LD50 (dermal, rabbit): > 5000 mg/kg

Diethylene glycol monobutyl ether:
LD50 (dermal, rabbit): 2764 mg/kg
LD50 (oral, rat): 5500 mg/kg

Amides, C18-unsatd, N,N-bis(hydroxyethyl):
LD50 (dermal, rabbit): > 2000 mg/kg
LD50 (oral, rat): > 2000 mg/kg

Alcohols C12-5, ethoxylated:
LD50 (dermal, rabbit): > 2000 mg/kg

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11.2. Information on other hazards

Endocrine disrupting properties: The product does not contain any substance identified as having endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: The product is harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Alcohols C12-5, ethoxylated:
M-factor (acute): 1

12.2. Persistence and degradability

Degradability: The product is expected to be slowly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB: This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

Endocrine disrupting properties: The product does not contain any substance identified as having endocrine disrupting properties.

12.7. Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 12 01 07

Contaminated packaging: EWC-code: 15 01 10

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SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/AND/RID).

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

PG: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

14.6. Special precautions for user

Special precautions: None known.

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

Transport in bulk: Not relevant.

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SECTION 15: REGULATORY INFORMATION

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

Special provisions: As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning 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, with amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work, with amendments.

Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work, with amendments.

Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work, with amendments.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work, with amendments.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, with amendments.

2014/955/EC: Commission Decision of 18 December 2014 amending Decision 2000/532/EC as regards the list of wastes.

15.2. Chemical Safety Assessment

CSA status: No chemical safety assessment has been carried out.

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SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

Handling of used oils:

Protect health - avoid prolonged and repeated skin contact. Wash with soap and water. Protect the environment - do not pollute drains, water courses or the soil. Contact your local authority for any used oil disposal instructions.

For restrictions on use see section 15.

The following sections contain revisions or new statements: 1, 11, 12.

Abbreviations and acronyms used in the safety data sheet: CSA = Chemical Safety Assessment.
EC50 = Effective Concentration 50%.
LD50 = Lethal Dose 50%.
PBT = Persistent, Bioaccumulative and Toxic.
vPvB = very Persistent and very Bioaccumulative.

Wording of H-statements:

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
