

SAFETY DATA SHEET



Product name:	Unocut Aqua 6400	Page:	1/13
Supersedes date:	2020-10-26	Last revised date:	2023-10-17
Product No.:	I6605	SDS-ID:	EU-EN/5.1

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

1.1. Product identifier

Product name: Unocut Aqua 6400

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

Application: Cutting coolant.

1.3. Details of the supplier of the safety data sheet

Supplier: Uno-X Smørelie A/S
Buddingevej 195
DK-2860 Søborg
Tel:+45 7011 5678
teknik@unox.dk
<https://lube.unox.dk/>

Supplier: Uno-X Smørelje AS
Gladengveien 2
NO-0661 Oslo
Tel: 04210 / +4795059618
olje@unox.no
<https://olje.unox.no>

Responsible for safety data sheet authoring: teknik@unox.dk

1.4. Emergency telephone number

Emergency telephone: National Poison Control Centres are available in Member Countries.

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP: The product is classified: Eye Dam. 1;H318

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

2.2. Label elements



Danger

Contains: 3-Iodo-2-propynyl butylcarbamate
Poly(oxy-1,2-ethanediyl), α -(carboxymethyl)- ω -hydroxy-, C16-18 and C18-unsatd.
alkyl ethers
(ethylenedioxy)dimethanol

H318 Causes serious eye damage.

P280 Wear eye protection and gloves.

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

P311 Call a POISON CENTER/doctor.

Contains 3-Iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

2.3. Other hazards

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

Other: Degreasing to skin.
The product does not contain any substance identified as having endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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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>
30-35	64742-52-5	265-155-0	-	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified	-	L
1 - < 4,9	227310-69-2	607-150-1	-	Poly(oxy-1,2-ethanediyl), α-(carboxymethyl)-ω-hydroxy-, C16-18 and C18-unsatd. alkyl ethers	Eye Dam. 1;H318	
1 - < 4,9	9087-53-0	639-212-9	-	Oxirane, 2-methyl-, polymer with oxirane, hexadecyl ether	Eye Irrit. 2;H319	
1 - < 4,9	3586-55-8	222-720-6	-	(ethylenedioxy)dimethanol	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318	
0,1 - < 0,25	55406-53-6		-	3-Iodo-2-propynyl butylcarbamate	Acute Tox. 3;H331 Acute Tox. 4;H302 STOT RE 1;H372 Eye Dam. 1;H318 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	

<u>Chemical name:</u>	<u>SCL</u>	<u>M (ac)</u>	<u>M (chr)</u>	<u>ATE(o)</u>	<u>ATE(d)</u>	<u>ATE(i)</u>	<u>ATE(i)</u>	<u>ATE(i)</u>
				<u>(mg/kg bw)</u>	<u>(mg/kg bw)</u>	<u>(dust/ mist, mg/L)</u>	<u>(gas, ppmV)</u>	<u>(vapou r, mg/L)</u>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified		-	-	-	-	-	-	-
Poly(oxy-1,2-ethanediyl), α-(carboxymethyl)-ω-hydroxy-, C16-18 and C18-unsatd. alkyl ethers		-	-	-	-	-	-	-
Oxirane, 2-methyl-, polymer with oxirane, hexadecyl ether		-	-	-	-	-	-	-
(ethylenedioxy)dimethanol		-	-	-	-	-	-	-
3-Iodo-2-propynyl butylcarbamate	-	10	1	-	-	-	-	-

Notes: L: DMSO < 3% (IP 346)

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 uncomfortable: Seek hospital and bring along these instructions.

Skin contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and launder thoroughly before re-use. 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: Continue flushing during transport to hospital. Bring along these instructions.

Ingestion: Immediately rinse mouth and drink 1-2 glasses of water. Get medical attention immediately! Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

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

Symptoms/effects: Eye contact: Pain, redness, swelling and lacrimation.
Skin contact: May irritate and cause redness and pain. Blistering may occur.
Ingestion: May cause stomach pain or vomiting.
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: Do not use water jet as an extinguisher, as this will spread the fire.
Small fires: Extinguish with carbon dioxide or dry powder.
Larger fires: Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards: During fire, gases hazardous to health may be formed. Containers may burst if overheated.

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: For non-emergency personnel: Evacuate non-essential staff and those not equipped with individual protection apparatus. DO NOT touch spilled material. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.
For emergency responders: Follow precautions for safe handling described in this safety data sheet.

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: Stop leak if possible without risk. 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.
Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers.

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 vapours/oil mist and contact with skin and eyes. Observe good chemical hygiene practices.

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. The product must be stored at temperatures above 5°C.

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

EU: No occupational exposure limit assigned.
Please note that there may be national occupational exposure limits.

8.2. Exposure controls

<u>Engineering measures:</u>	Provide adequate ventilation. The risk of inhalation of vapours and spray mist must be minimised as much as possible. Minimise the risk of formation of aerosols. An eye wash bottle must be available at the work site. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.
<u>Personal protection:</u>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<u>Respiratory equipment:</u>	Risk of inhalation of vapours and aerosols: Use respiratory equipment with combination filter, type A2/P3.
<u>Hand protection:</u>	Wear protective gloves. Nitrile gloves are recommended. (Thickness: Min. 0,4 mm / Breakthrough time: 480 min.) Other types of gloves can be recommended by the glove supplier. The most suitable glove must be chosen in collaboration with the supplier of gloves, who can inform about the breakthrough time of the glove material.
<u>Eye protection:</u>	Wear goggles/face shield.
<u>Skin protection:</u>	Wear apron or protective clothing in case of contact.
<u>Hygiene measures:</u>	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.
<u>Environmental Exposure Controls:</u>	Not available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Physical state:</u>	Liquid.
<u>Colour:</u>	Amber.
<u>Odour:</u>	Not available.
<u>Odour threshold:</u>	Not available.
<u>pH:</u>	9,43
<u>Melting point / freezing point:</u>	Not available.
<u>Boiling point:</u>	Not available.
<u>Flash point:</u>	closed cup: > 100°C
<u>Evaporation rate:</u>	Not available.
<u>Explosion limits:</u>	Not available.
<u>Vapour pressure:</u>	Not available.
<u>Vapour density:</u>	Not available.
<u>Relative density:</u>	1,011 (Water = 1)
<u>Solubility:</u>	Not available.
<u>Partition coefficient (n-octanol/water):</u>	Not available.
<u>Auto-ignition temperature (°C):</u>	Not available.
<u>Decomposition temperature (°C):</u>	Not available.
<u>Viscosity:</u>	Not available.
<u>Explosive properties:</u>	Not available.
<u>Oxidising properties:</u>	Not available.
<u>9.2. Other information</u>	
<u>Other data:</u>	Not available.

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

Serious eye damage/irritation: Causes serious eye damage.

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.

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

Skin contact: Degreasing. Prolonged or repeated contact with used cutting fluid may cause serious skin diseases, such as dermatitis. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

Eye contact: Causes serious eye damage.

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

Toxicological data: Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified:
LD50 (dermal, rabbit): > 5000 mg/kg
LC50 (inhalation, 4h, rat): > 5000 mg/m³
LD50 (oral, rat): > 5000 mg/kg

3-Iodo-2-propynyl butylcarbamate:
LD50 (oral, rat): 1470 mg/kg

Additional information: Not available.

11.2. Information on other hazards

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

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: The product contains a small amount of a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

3-Iodo-2-propynyl butylcarbamate:

M-factor (acute): 10

M-factor (chronic): 1

12.2. Persistence and degradability

Degradability: No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No information available.

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 10

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.

For restrictions on use see section 15.

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.

The following sections contain revisions or new statements: 1, 2, 3.

Abbreviations and acronyms used in the safety data sheet: CSA = Chemical Safety Assessment.
PBT = Persistent, Bioaccumulative and Toxic.
vPvB = very Persistent and very Bioaccumulative.
LD50 = Lethal Dose 50%.
LC50 = Lethal Concentration 50%.

Additional information: Classification according to Regulation (EC) No. 1272/2008: Calculation method.

Wording of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
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.

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, Artens Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
