Safety Data Sheet

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Print Date 03-Oct-2024 **Revision date** 03-Oct-2024 **Version** 2

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

1.1. Product identifier

Product name SA-7133-AR ProSil Antifoam Skumdaemper,

Pure substance/mixture Mixture

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

Recommended Use Defoamer

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

ReinhardOil.dk ApS
Cottagevej 11, 1.
2900 Hellerup
Denmark
+45 70267007

For further information, please contact

Contact Point Regulatory Affairs Department

E-mail address Mail@reinhardoil.dk

1.4. Emergency telephone number

Emergency telephone +44 1235 239670 (NCEC 24/7) For additional emergency telephone numbers see section 16 of the safety data sheet.***

Emergency telephone - §45 - (EC)1272/2008	
Europe	**112**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to
Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]***

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]***
Hazard statements
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]***
EUH210 - Safety data sheet available on request***

2.3. Other hazards

Toxic to aquatic life.***

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Endocrine Disruptor Information ***
This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable***

3.2 Mixtures***

***

Chemical name	EC No (EU Index No)	CAS No.	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Bronopol***	200-143-0	52-51-7	01-2119980938-15	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Acute Tox. 4 (H302) Acute Tox. 4 (H312) Aquatic Acute 1 (H400) (M=10) Aquatic Chronic 1 (H410) (M=1)	<0.1
3-iodo-2-propynyl-butylcarbamate***	259-627-5	55406-53-6	01-2120762115-60	STOT RE 1 (H372) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302) Acute Tox. 3 (H331) Aquatic Acute 1 (H400)M=10 Aquatic Chronic 1 (H410) M=1	<0.1

Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Remarks
Bronopol***	–	10	1	–
3-iodo-2-propynyl-butylcarbamate***	–	10	1	–

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
*If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components****

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.

Ingestion Rinse mouth. Do NOT induce vomiting. Get medical attention.***

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

Symptoms None known.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Thermal decomposition can lead to release of irritating and toxic gases and vapours.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide. Silicon dioxide. Formaldehyde.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Do not allow run-off from fire-fighting to enter drains or water courses.***

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment as required. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information. See Section 12 for additional Ecological Information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. See section 8 for more information. Use personal protection equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits ***

Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Bronopol*** 52-51-7	–	–	* skin sensitizer	–	–
3-iodo-2-propynyl-butylcarbamate*** 55406-53-6	–	TWA: 0.005 ppm TWA: 0.058 mg/m³	TWA: 0.005 ppm TWA: 0.058 mg/m³ Peak: 0.01 ppm Peak: 0.116 mg/m³ skin sensitizer	–	–

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
3-iodo-2-propynyl-butylcarbamate*** 55406-53-6	–	–	–	TWA: 0.058 mg/m³ TWA: 0.005 ppm STEL: STEL ppm STEL: STEL mg/m³	–

Chemical name	Sweden	Switzerland	United Kingdom	Turkey
3-iodo-2-propynyl-butylcarbamate*** 55406-53-6	–	TWA: 0.01 ppm TWA: 0.12 mg/m³ STEL: 0.02 ppm STEL: 0.24 mg/m³	–	

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Gloves must conform to standard EN 374.***

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
Long term (repeated)	Wear protective nitrile rubber gloves	>=0.4 mm	>=480 minutes

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid
Colour white
Odour characteristic.
Odour threshold No information available

Property	Values	Remarks • Method
Melting point/freezing point	No data available	None known
Boiling point / boiling range	approx. 100*** °C***	***
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit	No data available	
Flash Point	>*** 100*** °C***	***
Autoignition Temperature	No data available	None known
Decomposition temperature		None known
pH	7.5	***
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity	No data available	@ 40◦C
Dynamic viscosity	No data available	
Water solubility	100.0 %***	@ 20◦C***
Solubility(ies)	No data available	None known

Partition coefficient	No data available	None known
Vapour pressure	No data available	***
Relative Density	approx. 1.003 g/cm3***	@ 20°C***
Bulk Density	No data available	
Density	No data available	
Vapour Density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials Acids. Bases. Incompatible with oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition can lead to release of irritating and toxic gases and vapours. Carbon dioxide (CO2). Carbon monoxide. Silicon dioxide. If this product is heated to > 150 °C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity
***

Acute toxicity

Component Information ***

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Bronopol***	= 180 mg/kg (Rat)	= 1600 mg/kg (Rat)	> 5 g/m³ (Rat) 6 h
3-iodo-2-propynyl-butylcarbamate***	= 1470 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 0.67 mg/L (Rat) 4 h = 0.63 mg/L (Rat) 4 h = 0.99 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Bronopol (52-51-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD 404					non-irritant

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Bronopol (52-51-7)

Method	Species	Exposure route	Results
OECD 429	Mouse		Not a skin sensitiser

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.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic to aquatic life.***

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.***

Bronopol (52-51-7)
3-iodo-2-propynyl-butylcarbamate (55406-53-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Pseudokirchneriella subcapitata	EC50	0.049 mg/L	72 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Pseudokirchneriella subcapitata	NOEC	0.013 mg/L	72 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	EC50	0.47 mg/l mg/L	48 hours	
OECD Test No. 211: Daphnia magna Reproduction Test	Daphnia magna	NOEC	0.01 mg/l mg/L	504 hours	
OECD Test No. 203: Fish, Acute Toxicity Test	Oncorhynchus mykiss (rainbow trout)	LC50	0.145 mg/L	96 hours	
OECD Test No. 210: Fish, Early-Life Stage Toxicity Test	Fish	NOEC	0.014 mg/L	672 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Skeletonema costatum	NOEC	0.004 mg/L	72 hours	

12.2. Persistence and degradability

Persistence and degradability Readily biodegradable. (. Substance. Evaluation.).

Product Information
Biodegradation No information available
BOD No information available
ThCO2 No information available
DOC No information available

Chemical name	Biodegradation
Bronopol*** 52-51-7	Biodegradation: > 70 % (OECD 301 B)

12.3. Bioaccumulative potential

Bioaccumulation (factor) No information available

Component Information ***

Chemical name	Partition coefficient
Bronopol***	0.38
3-iodo-2-propynyl-butylcarbamate***	2.8 (n-octanol/water)

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Bronopol***	The substance is not PBT / vPvB
3-iodo-2-propynyl-butylcarbamate***	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packaging which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the product itself.

OTHER INFORMATION Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IATA

14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental Hazard Not applicable
14.6 Special precautions for user
Special Provisions None

IMDG

14.1 UN number or ID number Not regulated

14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental Hazard Not applicable
14.6 Special precautions for user
Special Provisions None
14.7 Maritime transport in bulk according to IMO instruments No information available

RID
14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental Hazard Not applicable
14.6 Special precautions for user
Special Provisions None

ADR
14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental Hazard Not applicable
14.6 Special precautions for user
Special Provisions None

SECTION 15: Regulatory information

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

National regulations ***

Germany ***
Water hazard class (WGK) slightly hazardous to water (WGK 1)
Storage class 10

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)***

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Bronopol*** - 52-51-7	75.	–
3-iodo-2-propynyl-butylcarbamate*** - 55406-53-6	75.	–

Persistent Organic Pollutants
Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR) ***

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
3-iodo-2-propynyl-butylcarbamate*** - 55406-53-6	Product-type 8: Wood preservatives

International Inventories

TSCA	Complies***
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Complies***
ENCS	Contact supplier for inventory compliance status***
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status***
PICCS	Contact supplier for inventory compliance status
AICS	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status***
NECI	Contact supplier for inventory compliance status***

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
NECI - Taiwan National Existing Chemical Inventory

15.2. Chemical safety assessment

Chemical Safety Report	Chemical safety assessments for substances in this mixture were not carried out For this substance a chemical safety assessment has not been carried out

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
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***

Emergency telephone number ***

Czech Republic	+420 228 882 830 (NCEC 24/7)***
Denmark	+45 8988 2286 (NCEC 24/7)***
Finland	+358 9 7479 0199 (NCEC 24/7)***
France	+33 1 72 11 00 03 (NCEC 24/7)***
Germany	+49 89 220 61012 (NCEC 24/7)***
Greece	+30 21 1198 3182 (NCEC 24/7)***
Italy	800 699 792 (NCEC 24/7 - toll free number) +39 02 3604 2884 (NCEC 24/7)***
Netherlands	+31 10 713 8195 (NCEC 24/7)***

Norway	+47 2103 4452 (NCEC 24/7)***
Poland	+48 22 307 3690 (NCEC 24/7)***
Portugal	+351 30880 4750 (NCEC 24/7)***
Spain	+34 91 114 2520 (NCEC 24/7)***
Sweden	+46 8 566 42573 (NCEC 24/7)***
Turkey	0800 621 2139 (NCEC 24/7)
	+90 212 375 5231 (NCEC 24/7)***
Middle East	+973 1619 8321 (NCEC 24/7)***
Middle East / Africa	+44 1235 239671 (NCEC 24/7)***

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity***	Calculation method***
Acute dermal toxicity***	Calculation method***
Acute inhalation toxicity - gas***	Calculation method***
Acute inhalation toxicity - vapour***	Calculation method***
Acute inhalation toxicity - dust/mist***	Calculation method***
Skin corrosion/irritation***	Calculation method***
Serious eye damage/eye irritation***	Calculation method***
Respiratory sensitisation***	Calculation method***
Skin sensitisation***	Calculation method***
Mutagenicity***	Calculation method***
Carcinogenicity***	Calculation method***
Reproductive toxicity***	Calculation method***
STOT - single exposure***	Calculation method***
STOT - repeated exposure***	Calculation method***
Acute aquatic toxicity***	Calculation method***
Chronic aquatic toxicity***	Calculation method***
Aspiration hazard***	Calculation method***
Ozone***	Calculation method***

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 03-Oct-2024

Revision note See the red text with asterisks in this safety data sheet for the latest changes.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet