



SAFETY DATA SHEET

Respect E1, RTU

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

1.1. Product identifier

Trade name: Respect E1, RTU

Unique formula identifier GF60-80AP-F00C-FMJ4

(UFI):

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

Relevant identified uses of Antifouling paint for fish nets (P21)

the substance or mixture:

Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address: Brynsløkken AS

Delitoppen 3 1540 Vestby

Norge

+47 64909910

www.brynslokken.no

Manufacturer: Brynsløkken AS

Delitoppen 3 1540 Vestby

Norge

+47 64909910

www.brynslokken.no

Contact person: Astrid Lunde

E-mail: astrid@brynslokken.no

Revision: 2/7/2023

SDS Version: 7.0

Date of previous version: 2/7/2023 (6.0)

1.4. Emergency telephone number

In urgent situations: Call 113 and request the poison information centre. (24h service)

Poison Center at Tel.: 22 59 13 00 See section 4 on 'First Aid Measures'

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Acute Tox. 3; H301, Toxic if swallowed. Acute Tox. 4; H332, Harmful if inhaled.

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STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

Aquatic Acute 1; H400, Very toxic to aquatic life.

Aquatic Chronic 1; H410, Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s):

Signal word: Danger

Hazard statement(s): Toxic if swallowed. (H301)

Harmful if inhaled. (H332)

May cause damage to organs through prolonged or repeated

exposure. (H373)

Very toxic to aquatic life with long lasting effects. (H410)

Safety statement(s):

General: -

Prevention: Do not breathe vapour/mist. (P260)

Wash hands and exposed skin thoroughly after handling. (P264)

Use only outdoors or in a well-ventilated area. (P271)

Avoid release to the environment. (P273)

Response: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

(P301+P310)

Specific treatment (see instructions on this label). (P321)

IF INHALED: Remove person to fresh air and keep comfortable for

breathing. (P304+P340)

Call a POISON CENTER/doctor if you feel unwell. (P312)

Collect spillage. (P391)

Storage: -

Dispose of contents/container in accordance with local regulation.

(P501)

Hazardous substances: Tralopyril

Additional labelling: The product contains a biocidal product.

UFI: GF60-80AP-F00C-FMJ4

2.3. Other hazards

Additional warnings: This mixture/product does not contain any substances considered

to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission

Regulation (EU) 2018/605.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
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Tralopyril	CAS No.: 122454-29-9 EC No.: REACH: Index No.:	1-3%	Acute Tox. 2, H300 Acute Tox. 3, H311 Acute Tox. 2, H330 STOT RE 1, H372 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 (M=100)	
Zinc 2-pyridinethiol 1- oxide	CAS No.: 13463-41-7 EC No.: 236-671-3 REACH: 01-2119511196-46- xxxx Index No.:	<1%	Acute Tox. 3, H301 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: In the case of accident: Contact a doctor or casualty department –

take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or

other drink.

Inhalation: Upon breathing difficulties or irritation of the respiratory tract:

Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into

recovery position. Call an ambulance.

Skin contact: Remove contaminated clothing and shoes immediately. Ensure to

wash exposed skin thoroughly with water and soap. Skin cleanser

can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact: Upon irritation of the eye: Remove contact lenses and open eyes

widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Seek medical assistance and continue flushing during

transport.

Ingestion: In the case of ingestion, contact a doctor immediately. If the person

is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit returning mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured

person into recovery position. Call an ambulance.

Burns: Not applicable.

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4.2. Most important symptoms and effects, both acute and delayed None known.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics: Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

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Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent

leakage.

Recommended storage

material:

Keep only in original packaging.

Storage temperature: 0-30°C

Store in a well-ventilated place. Keep cool. Stored in it original packaging. Keep the container tightly closed. Store the containers

closed when not in use.

Incompatible materials: Strong acids

Strong bases

Strong oxidizing agents

Iron

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations: Smoking, drinking and consumption of food is not allowed in the

work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Occupational exposure limits have not been defined for the

substances in this product.

Appropriate technical

measures:

Apply standard precautions during use of the product. Avoid

inhalation of vapours.

Hygiene measures: In between use of the product and at the end of the working day all

exposed areas of the body must be washed thoroughly. Always

wash hands, forearms and face.

Measures to avoid Keep damming materials near the workplace. If possible, collect

environmental exposure: spillage during work.

8.3. Individual protection measures, such as personal protective equipment

Generally: Ensure good ventilation in the workplace. Establish an eye wash

station near Location.

Respiratory Equipment: If the working environment has poor ventilation, a respirator must

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be used. Standard En149 Class A.

Skin protection: The material: Impervious to biocidal products. Body suit type/

category: 3, 4. EN standard: EN 14605.

Hand protection: Egnede hansker i neopren, nitrilgummi, polyetylen eller PVC skal

anvendes. Gjennombruddstid: >480. Hansketykkelse: 0,2-0,4. EN

standard EN374.

Eye protection: Recommended: If there is a risk of having drops of the product

spilled onto the face during handling, approved safety glasses with

side guards should be used. A standard: EN166.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: Yellow

Odour / Odour threshold: Characteristic

pH: 10 *Density (g/cm³)*: 1.2

Kinematic viscosity: Testing not relevant or not possible due to the nature of the

product.

Particle characteristics: Does not apply to liquids.

Phase changes

Melting point/Freezing point 0

(°C):

Softening point/range (waxes Does not apply to liquids.

and pastes) (°C):

Boiling point (°C): 100

Vapour pressure:No data availableRelative vapour density:Not applicableDecomposition temperatureNot applicable

(°C):

Data on fire and explosion hazards

Flash point (°C):

Auto-Ignition (°C):

Flammability (°C):

Lower and upper explosion

No data available

Not applicable

Not applicable

limit (% v/v):

Solubility

Solubility in water: Completely soluble (100)

n-octanol/water coefficient: Testing not relevant or not possible due to the nature of the

product.

Solubility in fat (g/L): Testing not relevant or not possible due to the nature of the

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product.

9.2. Other information

Other physical and chemical No data available. parameters:

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids Strong bases Strong oxidizing agents Iron

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: TOXICOLOGICAL INFORMATION

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

▼ Acute toxicity

Product/substance Tralopyril

Test method

Species Rat
Route of exposure Oral
Test LD50
Result 28,7 mg/kg

Other information

Product/substance Tralopyril

Test method

Species Rat

Route of exposure Innånding (støv)

Test LC50 Result < 0,25 mg/l

Other information

Product/substance Tralopyril

Test method

Species Guinea pig Route of exposure Dermal

Test LD50

Result 520 - 750 mg/kg

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Other information

Product/substance Zinc 2-pyridinethiol 1-oxide

Test method **OECD 401 Species** Rat Route of exposure Oral Test LC50 Result 269 mg/kg

Other information

Product/substance Zinc 2-pyridinethiol 1-oxide

OECD 403 Test method **Species** Rat Route of exposure Inhalation Test LC50 Result 1,03 mg/l

Other information

Product/substance

Zinc 2-pyridinethiol 1-oxide

Test method

Species Rat Route of exposure Dermal Test LD50

Result > 2000 mg/kg

Other information

Toxic if swallowed. Harmful if inhaled.

Skin corrosion/irritation

Product/substance Tralopyril Test method **OECD 404**

Species Duration

Result No adverse effect observed (Not irritating)

Other information

Serious eye damage/irritation

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

Respiratory sensitisation

Product/substance Tralopyril Test method **Buehler Test**

Species Result

Other information

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.

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STOT-single exposure

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

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

None known.

Endocrine disrupting properties

None known.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. **▼** Toxicity

Product/substance

Test method

Species

Fish, Oncorhynchus mykiss

Algae, Pseudokirchneriella subcapitata

Compartment

Duration 96 hours Test LC50 0,0013 mg/l Result

Other information

Product/substance

Test method

Species

Compartment

72 hours ERC50

Duration Test Result

0,12 mg/l

Tralopyril

Tralopyril

Other information

Product/substance

Tralopyril

Test method

Species

Test

Algae, Navicula pelliculosa

Compartment Duration

72 hours NOEC

Result 0,00073 mg/l

Other information

Product/substance

Test method

Tralopyril

Species

Test

Result

Crustacean, Daphnia magna

Compartment Duration

96 hours LC50 0,0015 mg/l

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Algae, Skeletonema costatum

Other information

Product/substance Zinc 2-pyridinethiol 1-oxide

Test method **OECD 203**

Species Fish, Pimephales promelas

Compartment

Duration 96 hours Test LC50 Result 0,0026 mg/l

Other information

Product/substance

Zinc 2-pyridinethiol 1-oxide Test method

Species Compartment

Duration 120 time(r) Test EC50 Result 0,012 mg/l

Other information

Zinc 2-pyridinethiol 1-oxide Product/substance

Test method OECD TG 202

Crustacean, Daphnia magna **Species**

Compartment

Duration 48 hours Test EC50 Result 0,0082 mg/l

Other information

12.2. Persistence and degradability

No data available.

12.3. **▼** Bioaccumulative potential

Zinc 2-pyridinethiol 1-oxide Product/substance

Test method

Potential No data available.

bioaccumulation

LogPow No data available.

BCF

Other information

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. **Endocrine disrupting properties**

None known.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Disposal to the sewer is discouraged.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

EAL 080111 paint and varnish waste containing organic solvents or other hazardous substances

description	European Waste Catalogue Code (EWC)	Description		
	EAL 080111	paint and varnish waste containing organic solvents or other hazardous substances		

Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	UN3082	ENVIRONMENTAL LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tralopyril)	Class: 9 Labels: 9 Classification code: M6	III	Yes	Limited quantities: 5 L Tunnel restriction code: (-) See below for additional information.
IMDG	UN3082	ENVIRONMENTAL LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tralopyril)	Class: 9 Labels: 9 Classification code: M6	III	Yes	Limited quantities: 5 L EmS: F-A S-F See below for additional information.

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	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
IATA	UN3082	ENVIRONMENTAL LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tralopyril)	Class: 9 Labels: 9 Classification code: M6	III	Yes	See below for additional information.

^{*} Packing group

Additional information

These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).

- ADD / Coo Table A Section 2.2.1 for any inf

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application: Restricted to professional users.

People under the age of 18 shall not be exposed to this product. Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be

considered.

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^{**} Environmental hazards



Demands for specific

education:

No specific requirements.

SEVESO - Categories / dangerous substances:

E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier):

100 tonnes / (upper-tier): 200 tonnes

Additional information: Not applicable.

Sources: Council Directive 94/33/EC of 22 June 1994 on the protection of

young people at work.

Act no. 62 of 17th June 2005 relating to working environment, working hours and employment protection, etc. (Working

Environment Act).

Regulation of 1 July 2016 no. 569 on measures to prevent and limit

the consequences of major accidents in companies where hazardous chemicals occur (the Major Accidents Regulations). Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the

market and use of biocidal products.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on

waste.

Regulation of 15 May 2015 no. 541 on declaring chemicals to the

product register (Declaration Regulations)

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 (CLP).

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).

15.2. Chemical safety assessment

Nο

SECTION 16: OTHER INFORMATION

▼ Full text of H-phrases as mentioned in section 3

H300, Fatal if swallowed.

H301. Toxic if swallowed.

H311, Toxic in contact with skin.

H318, Causes serious eye damage.

H330, Fatal 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.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

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CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

▼ The safety data sheet is validated by

Astrid Lunde

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: NO-en