

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Dirupure LIQ
Revision : 19.05.2017
Print date : 27.11.2020

Version : 5.1.0

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

1.1 Product identifier

Dirupure LIQ

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

stabilizer

1.3 Details of the supplier of the safety data sheet

Eco Analytics GmbH

Street : Am Schlichtfeld 2

Postal code/city : 82541 Münsing

Country : Deutschland

Telephone : 0049 8177 75 398 76

Telefax : 0049 8177 75 398 77

Information contact : M. Vernier, +41 61 835 50 10 / info@ateco.ch / +49 352 0439 240

Manufacturer

Ateco Tobler AG

Street : Weidenweg 17

Postal code/city : 4310 Rheinfelden

Country : Schweiz

Telephone : 061 835 50 50

Telefax : 061 835 50 55

Information contact : M. Vernier, +41 61 835 50 10 / info@ateco.ch / +49 352 0439 240

1.4 Emergency telephone number

Swiss Toxicological Information Centre
24 hour emergency number: +41 44 251 51 51

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

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P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

OXALIC ACID ; REACH registration No. : 01-2119534576-33-XXXX ; EC No. : 205-634-3; CAS No. : 6153-56-6

Weight fraction : $\geq 1 - < 5 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Acute Tox. 4 ; H312

Additional information

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Remove contaminated, saturated clothing immediately. Flush away with water and rinse.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

The product itself does not burn.

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet, foam, extinguishing powder. Carbon dioxide (CO2)

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Fire generates toxic gases.

5.3 Advice for firefighters

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Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

See Chapter 7, 8 & 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Measures to prevent fire

No anti-explosion measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

Storage temperature : Optimal storage temperature 20 °C . For details, see product label.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

OXALIC ACID ; CAS No. : 6153-56-6

Limit value type (country of origin) : TWA (EC)

Limit value : 1 mg/m³

Version : 07.02.2006

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

In full contact: Glove material: nitrile rubber Layer thickness: 0.4 mm Breakthrough time: > 480 Min. In splash contact: Glove material: nitrile rubber Layer thickness: 0.4 mm Breakthrough time: > 480 Min. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

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Body protection

No special measures are necessary.

General health and safety measures

Keep away from food, drink and animal feeding stuff

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : clear, colourless to yellow

Odour : characteristic

Safety relevant basis data

Melting point/melting range :			not relevant	
Initial boiling point and boiling range :	(1013 hPa)	approx.	100 °C	
Decomposition temperature :		>	230 °C	
Flash point :			not applicable	
Ignition temperature :			not applicable	
Lower explosion limit :			not applicable	
Upper explosion limit :			not applicable	
Vapour pressure :	(25 °C)	approx.	32 hPa	
Density :	(20 °C)		1.0 g/cm ³	
Solvent separation test :	(20 °C)		not determined	
Water solubility :	(20 °C)	>	100 g/l	
pH value (solvent = drinking water) :	(20 °C / 10 g/l)	approx.	6	
log P O/W :			not determined	
Flow time :	(20 °C)		not determined	DIN-cup 4 mm
Viscosity :	(20 °C)		not determined	
Evaporation rate :			not relevant	
Vapourisation rate :			not relevant	
Flammable solids :	Not applicable.			
Flammable gases :	Not applicable.			
Oxidising liquids :	Not applicable.			
Explosive properties :	Not explosive according to EU A.14.			

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No known hazardous reactions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

Thermal decomposition above 230 °C.

10.5 Incompatible materials

None known.

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10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter : ATEmix calculated
Exposure route : Oral
Effective dose : > 40000 mg/kg

Acute dermal toxicity

Parameter : ATEmix calculated
Exposure route : Dermal
Effective dose : > 90000 mg/kg

Irritant and corrosive effects

Causes serious eye irritation.

Sensitisation

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) algae toxicity

Parameter : EC50 (OXALIC ACID ; CAS No. : 6153-56-6)
Species : Daphnia
Effective dose : 137 mg/l
Exposure time : 48 h

Effects in sewage plants

Parameter : Chemical oxygen demand (COD)
Effective dose : 81 g/l

12.2 Persistence and degradability

Biodegradation

Parameter : Biodegradability according to OECD
Effective dose : 90 %

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

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12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

In accordance with local official regulations.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

None

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP]

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H318	Causes serious eye damage.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
