

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

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## Eco Fluid 20I

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

#### \* 1.1. Product identifier

**Trade name/designation:**

Eco Fluid 20I

**Article No.:**

T400020

**UFI:**

M1R3-QT81-YP4J-XSXX

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

**Use of the substance/mixture:**

Cleaning solution

#### 1.3. Details of the supplier of the safety data sheet

**Supplier:**

**KANDO Service GmbH**

Hartleitnerstraße 3

4653 Eberstälzell

Austria

**Telephone:** +43 (0) 7241 213 79

**E-mail:** msds@kando.eu

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

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

#### 2.2. Label elements

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

**Hazard statements:** none

Supplemental hazard information	
EUH210	Safety data sheet available on request.

**Precautionary statements:** none

#### \* 2.3. Other hazards

**Other adverse effects:**

The mixture does not contain substances included in the list established under Article 59(1) REACH as substances with endocrine disrupting endocrine disrupting properties, or are not classified as substances with endocrine disrupting properties as defined in properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration of 0.1% or more. more is recognised.

The product does not meet the PBT/vPvB criteria.

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## Eco Fluid 20I

### SECTION 3: Composition/information on ingredients

#### \* 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
EC No.: 953-045-1	<b>Ethoxylated alcohol</b> Eye Irrit. 2 (H319) Warning	0 - ≤ 2.5 %

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

### SECTION 4: First aid measures

#### \* 4.1. Description of first aid measures

**Following inhalation:**

Fresh air supply, consult a doctor in case of complaints.

**In case of skin contact:**

In general, the product is not irritating to skin.

**After eye contact:**

Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

**Following ingestion:**

Do not induce vomiting, seek medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### \* 5.1. Extinguishing media

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water spray jet.

Fight larger fires with water spray or alcohol-resistant foam.

#### \* 5.2. Special hazards arising from the substance or mixture

Formation of toxic gases possible when heated or in case of fire.

**Hazardous combustion products:**

In case of fire: Carbon monoxide; Under certain fire conditions, traces of other toxic substances cannot be excluded.

#### 5.3. Advice for firefighters

Special protective equipment: Put on breathing apparatus.

#### 5.4. Additional information

Cool endangered containers with water spray.

### SECTION 6: Accidental release measures

#### \* 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Use suitable breathing apparatus.

##### 6.1.2. For emergency responders

No data available

#### \* 6.2. Environmental precautions

Dilute with plenty of water. Do not allow to enter drains/surface water/ground water.

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### \* 6.3. Methods and material for containment and cleaning up

#### **For cleaning up:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).

### 6.4. Reference to other sections

See section 7 for further information on safe handling.

For further information on personal protective equipment: see section 8.

For further information on disposal: see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Protective measures**

##### **Advices on safe handling:**

No special measures required if used properly.

##### **Fire prevent measures:**

No special measures are necessary.

### \* 7.2. Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels:**

No special requirements.

#### **Hints on storage assembly:**

Not required.

**Storage class (TRGS 510, Germany):** 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

#### **Further information on storage conditions:**

Protect from frost.

### 7.3. Specific end use(s)

#### **Recommendation:**

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### \* 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No further details. See section 7.

#### 8.2.2. Personal protection equipment



##### **Eye/face protection:**

Safety goggles

##### **Skin protection:**

Hand protection:

Wear protective gloves.

Glove material: The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

##### **Respiratory protection:**

Not required.

##### **Other protection measures:**

General protective and hygienic measures: Wash hands before breaks and after work.

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### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

### \* 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Form:** Liquid

**Colour:** light blue

**Odour:** characteristic

**flammability:** No data available

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	9 - 9.7		
Melting point	0 °C		
Freezing point	0		
Initial boiling point and boiling range	100 °C		② water
Flash point	No data available		
Evaporation rate	No data available		
Auto-ignition temperature	No data available		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	23 hPa	20 °C	② water
Vapour density	No data available		
Density	1 - 1.01 g/cm <sup>3</sup>	20 °C	
Bulk density	not applicable		
Water solubility	completely miscible		
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

### \* 9.2. Other information

The product is not self-igniting. The product is not explosive.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

Thermal decomposition / Conditions to avoid: No decomposition when used as directed.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide

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### SECTION 11: Toxicological information

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

##### **Skin corrosion/irritation:**

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

##### **Serious eye damage/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.

##### **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

##### **Endocrine disrupting properties:**

None of the ingredients are included.

### SECTION 12: Ecological information

#### \* 12.1. Toxicity

No data available

#### \* 12.2. Persistence and degradability

##### **Biodegradation:**

According to the OECD test 301 A:1992, the biodegradability of the product is more than 70%.

#### \* 12.3. Bioaccumulative potential

No data available

#### \* 12.4. Mobility in soil

No data available

#### \* 12.5. Results of PBT and vPvB assessment

<b>Ethoxylated alcohol</b>	EC No.: 953-045-1
<b>Results of PBT and vPvB assessment:</b> —	

The product does not meet the PBT/vPvB criteria.

#### \* 12.6. Endocrine disrupting properties

See section 11

#### \* 12.7. Other adverse effects

water hazard class 1: slightly hazardous to water

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

#### \* 13.1. Waste treatment methods

Must not be disposed of together with household waste. Do not allow to enter drains/surface water/ground water.

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## Eco Fluid 20I

### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

07 06 01 *	aqueous washing liquids and mother liquors
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\*: Evidence for disposal must be provided.

##### Waste code packaging

15 01 02	Plastic packaging
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#### Waste treatment options

##### Appropriate disposal / Package:

Uncleaned packaging: Dispose of waste according to applicable legislation.

Recommended cleaning agent: Water, if necessary with the addition of cleaning agents.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

### 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

#### 15.1.1. EU legislation

##### Restrictions on use:

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients are included.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the ingredients are included.

Regulation (EU) 2019/1148

Annex I - RESTRICTED EXPORT SUBSTANCES FOR EXPLOSIVES (upper concentration limit for a permit pursuant to Article 5(3)): None of the ingredients are included.

Annex II - EXPLOSIVES REPORTABLE FOR EXPLOSIVES: None of the ingredients are included.

Regulation (EC) No 273/2004 on drug precursors: None of the ingredients are included.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade in drug precursors between the Community and third countries: None of the ingredients are included.

#### 15.1.2. National regulations

No data available

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### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

## SECTION 16: Other information

### \* 16.1. Indication of changes

1.1.	Product identifier
2.3.	Other hazards
3.2.	Mixtures
4.1.	Description of first aid measures
5.1.	Extinguishing media
5.2.	Special hazards arising from the substance or mixture
6.1.	Personal precautions, protective equipment and emergency procedures
6.2.	Environmental precautions
6.3.	Methods and material for containment and cleaning up
7.2.	Conditions for safe storage, including any incompatibilities
8.2.	Exposure controls
9.1.	Information on basic physical and chemical properties
9.2.	Other information
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
12.1.	Toxicity
12.2.	Persistence and degradability
12.3.	Bioaccumulative potential
12.4.	Mobility in soil
12.5.	Results of PBT and vPvB assessment
12.6.	Endocrine disrupting properties
12.7.	Other adverse effects
13.1.	Waste treatment methods
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
16.1.	Indication of changes
16.2.	Abbreviations and acronyms
16.7.	Additional information

### \* 16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification, Labelling and Packaging
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
NFPA	National Fire Protection Association
OECD	Organisation for Economic Cooperation and Development
PBT	persistent and bioaccumulative and toxic
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

### 16.3. Key literature references and sources for data

No data available

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

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

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### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H319	Causes serious eye irritation.

### 16.6. Training advice

No data available

### \* 16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

\* Data changed compared with the previous version.