

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 1

Compilation date: 05/10/2022

Revision No: 2

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

1.1. Product identifier

Product name: ORVARTO INDUSTRIAL CLEANING LIQUID

Product code: T3137

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

1.3. Details of the supplier of the safety data sheet

Company name: Orvarto Hygiene

2 Millennium Way East

Nottingham

NG8 6AR

United Kingdom

Tel: 0115 975 5041

Email: sales@wacgroup.co.uk

1.4. Emergency telephone number

Emergency tel: 0115 975 5041

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.

[cont...]

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several

[cont...]

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 2

minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

PBT: This product is not identified as a PBT/vPvB substance.

Hazardous ingredients:

ETHANOL - REACH registered number(s): 01-2119457610-43

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%

ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
934-084-3	78330-21-9	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

Non-classified ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE - REACH registered number(s): 01-2119945987-15

EINECS	CAS	PBT / WEL	CLP Classification	Percent
230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	<1%

Contains: Labelling for general public use in accordance with Detergent Regulations EC 648/2004: Less than 5% non-ionic surfactants, Less than 5% cationic surfactants, Perfume, Disinfectant: Didecyldimethylammonium chloride

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 3

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

Specific end use(s): No data available.

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 4

8.1. Control parameters

Hazardous ingredients:

ETHANOL

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Sweet-smelling

Evaporation rate: Slow

Oxidising: No data available.

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: >35

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: 60 - 93

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: Not applicable.

Relative density: 1.00

pH: Approx. 7

VOC g/l: No data available.

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

[cont...]

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 5

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHANOL

DERMAL	RBT	LD50	>2000	mg/kg
ORL	MUS	1H LC50	>20	mg/kg
ORL	RAT	LD50	>2000	mg/kg

ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED

ORAL	RAT	LD50	>5000	mg/kg
------	-----	------	-------	-------

Non-classified ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	658	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Based on test data

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

[cont...]

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 6

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ETHANOL

ALGAE	48H EC50	>100	mg/l
Daphnia magna	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l

ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED

ALGAE	48H EC50	19.6	mg/l
DAPHNIA	48H EC50	15.0	mg/l

DIDECYLDIMETHYLAMMONIUM CHLORIDE

DAPHNIA	48H EC50	0.06	mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	0.12	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.97	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Mobility: Readily absorbed into soil.

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

Other adverse effects: Negligible ecotoxicity.

[cont...]

SAFETY DATA SHEET

ORVARTO INDUSTRIAL
CLEANING LIQUID

Page: 7

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Specific regulations: Not applicable.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.