SAFETY DATA SHEET

Tango - Ashfield Direct Supplies

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Tango - Ashfield Direct Supplies

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

Identified uses Waterless Car Cleaner

Uses advised against This product is not recommended for any other purpose than stated above. 1.3.

Details of the supplier of the safety data sheet

Supplier Ashfield Direct Supplies
Unit 4
Phoenix Street
Sutton in Ashfield
Nottingham
NG17 4HL
Tel: 01623 555075
Fax: 01623 555075
bigtfr@googlemail.com

1.4. Emergency telephone number

Emergency telephone As Above - Opening Hours 9 am - 5 pm (Monday - Friday)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms

Signal word Warning

Hazard statements EUH208 Contains d-LIMONENE. May produce an allergic reaction. H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Cationic Surfactant 1-5% CAS number: 61789-77-3

M factor (Acute) = 1

Classification
Flam. Liq. 3 - H226
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

propan-2-ol 1-5%

CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01- 2119457558-25-XXXX

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

(R)-p-mentha-1,8-diene d-limonene <1%

CAS number: 5989-27-5 EC number: 227-813-5 REACH registration number: 01- 2119529223-47-XXXX

M factor (Chronic) = 1

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Asp. Tox. 1 - H304
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway.
Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Skin contact Rinse with water.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

General information See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system. Ingestion May cause irritation.

Skin contact Redness. Irritating to skin.

Eye contact May cause temporary eye irritation.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with acid. Caution. May generate heat. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment.

Advice on general occupational hygiene Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

Storage class Acid-reactive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³
WEL = Workplace Exposure Limit.

Cationic Surfactant (CAS: 61789-77-3)

DNEL Industry - Dermal; Long term systemic effects: 12.75 mg/kg/day
Industry - Inhalation; Long term systemic effects: 27 mg/m³
Consumer - Dermal; Long term systemic effects: 7.65 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 8 mg/m³
Consumer - Oral; Long term systemic effects: 2.3 mg/kg/day

PNEC - Fresh water; 0.013 mg/l
- marine water; 0.0013 mg/l
- Sediment (Freshwater); 8.8 mg/kg
- Sediment (Marinewater); 0.88 mg/kg
- Soil; 7 mg/kg

propan-2-ol (CAS: 67-63-0)

DNEL Workers - Dermal; Long term systemic effects: 888 mg/kg/day
Workers - Inhalation; Long term systemic effects: 500 mg/m³
Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 89 mg/m³
Consumer - Oral; Long term systemic effects: 26 mg/kg/day

PNEC Fresh water; 140.9 mg/l
marine water; 140.9 mg/l
Intermittent release; 140.9 mg/l
STP; 2251 mg/l
Sediment; 552 mg/kg
Soil; 28 mg/kg
Secondary poisoning.; 160 mg/kg

(R)-p-mentha-1,8-diene d-limonene (CAS: 5989-27-5)

DNEL Consumer - Oral; Long term systemic effects: 4.44 mg/kg/day
Consumer - Dermal; Long term systemic effects: 4.44 mg/kg/day
Workers - Dermal; Long term systemic effects: 8.89 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 7.78 mg/m³
Workers - Inhalation; Long term systemic effects: 31.1 mg/m³

PNEC - Fresh water; 0.054 mg/l
- Sediment (Freshwater); 1.3 mg/kg
- Intermittent release; 0.00577 mg/l
- Sediment (Marinewater); 0.13 mg/kg
- STP; 2.1 mg/l
- Soil; 0.261 mg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure.
Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection
Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is ‘CE’-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls
Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties Appearance Liquid.

Colour Orange.

Odour Tangerine

Odour threshold Not determined. 6/17

pH pH (concentrated solution): ~7

Melting point Not determined.

Initial boiling point and range Not determined.

Flash point > 35°C

Evaporation rate Not determined.

Evaporation factor Not determined.

Flammability (solid, gas) Not determined.

Upper/lower flammability or explosive limits Not determined.

Other flammability Does not support combustion according to UN MTC Test L.2 (32.5.2) Vapour pressure Not determined.

Vapour density Not determined.

Relative density ~ 1

Bulk density Not determined.

Solubility(ies) Soluble in water.

Partition coefficient Not determined.

Auto-ignition temperature Not determined.

Decomposition Temperature Not determined.

Viscosity Not determined.

Explosive properties Not determined.

Explosive under the influence of a flame Not considered to be explosive.

Oxidising properties Not determined.

Comments Information given is applicable to the product as supplied. 9.2. Other information

Other information No information required.

Refractive index Not determined.

Particle size Not determined.

Molecular weight Not determined.

Volatility Not determined.

Saturation concentration Not determined.

Critical temperature Not determined.

Volatile organic compound Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation. 10.5.

Incompatible materials

Materials to avoid Acid anhydrides. Acids. Phenols, cresols.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Summary Based on available data the classification criteria are not met. ATE oral (mg/kg)

45,454.55

Acute toxicity - dermal

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

Acute toxicity - inhalation

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

Skin corrosion/irritation

Summary Causes skin irritation.

Extreme pH Moderate pH (> 2 and < 11.5).

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

Summary Based on available data the classification criteria are not met. IARC

carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Summary Based on available data the classification criteria are not met. Specific target

organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system. Ingestion May cause irritation.

Skin contact Redness. Irritating to skin.

Eye contact May cause temporary eye irritation.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Toxicological information on ingredients.

	Cationic Surfactant
Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	2,000.0
Species	Rat
ATE oral (mg/kg)	2,000.0

Acute toxicity - dermal

Summary No data available.

Acute toxicity - inhalation

Summary No data available.

Skin corrosion/irritation

Skin corrosion/irritation Causes burns.

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met. Germ

cell mutagenicity

Genotoxicity - in vitro Ames test: Negative.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met. 9/17

Reproductive toxicity

Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

propan-2-ol

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,842.0

Species Rat ATE oral (mg/kg)

5,842.0 Acute toxicity - dermal

Acute toxicity dermal (LD_{50}	mg/kg) 13,900.0

Species Rat ATE dermal (mg/kg)

13,900.0 Acute toxicity - inhalation

Acute toxicity inhalation (LC_{50}	vapours mg/l) 25.0

Species	Rat
ATE inhalation (vapours mg/l)	corrosion/irritation 25.0

Skin

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation	No information available.
Respiratory sensitisation	

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising. Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

Reproductive toxicity	
Reproductive toxicity - fertility	criteria are not met. Based on available data
Reproductive toxicity - development	the classification criteria are not met.

Based on available data the classification

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

Target organs Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Eye contact Irritating to eyes.

Route of exposure Inhalation Skin and/or eye contact Ingestion

(R)-p-mentha-1,8-diene d-limonene

Toxicological effects No data available.

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	2,000.0

Species Rat Acute toxicity -

dermal

Acute toxicity dermal (LD_{50}	mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

Acute toxicity - inhalation

Summary No data available. Skin corrosion/irritation

Summary No data available. Serious eye damage/irritation

Summary No data available. Respiratory sensitisation

Summary No data available.

Skin sensitisation

Summary No data available.

Germ cell mutagenicity

Summary No data available.

Carcinogenicity

Summary No data available.

Reproductive toxicity

Summary No data available.

Specific target organ toxicity - single exposure

Summary No data available.

Specific target organ toxicity - repeated exposure

Summary No data available.

Aspiration hazard

Summary No data available.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity

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

Chronic aquatic toxicity

Summary Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

Cationic Surfactant

Acute aquatic toxicity

$LE(C)_{50}$ $0.1 < L(E)C50 \leq 1$

M factor (Acute) 1

Acute toxicity - fish EC_{50}, 72 hours: 0.1-1 mg/l, Fish

magna propan-2-ol

Acute toxicity - aquatic invertebrates

Acute toxicity - aquatic plants

Acute toxicity - microorganisms

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates

Acute aquatic toxicity
EC_{50}, 48 hours: >0.1-1 mg/l, Daphnia magna

EC_{50}, 72 hours: >0.1-1 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.06 mg/l, Pseudokirchneriella subcapitata

, 3 hours: >10-100 mg/l, Activated sludge

NOEC, 21 days: 0.01-0.1 mg/l, Daphnia

Acute toxicity - fish LC_{50}, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC_{50}, : >100 mg/l,

Acute toxicity - aquatic plants

Acute toxicity - microorganisms
LC_{50}, 24 hours: 9714 mg/l, Daphnia

magna EC_{50}, 72 hours: >100 mg/l,

(R)-p-mentha-1,8-diene d-limonene

Algae

Toxicity No data available.

Acute aquatic toxicity

Summary No data available.

Chronic aquatic toxicity

Summary No data available.

M factor (Chronic) 1

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

Cationic Surfactant

Persistence and degradability

propan-2-ol

95% 21 days

Persistence and degradability
No data available.

Biodegradation The substance is readily biodegradable.

(R)-p-mentha-1,8-diene

d-limonene

Persistence and degradability potential
No data available.

12.3. Bioaccumulative

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Ecological information on ingredients.

Cationic Surfactant

Bioaccumulative potential : 70.8,

propan-2-ol

Bioaccumulative potential log Kow: 0.05, Bioaccumulation is unlikely.

(R)-p-mentha-1,8-diene d-limonene

Bioaccumulative potential No data available.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems. The product is non-volatile. Ecological information on ingredients.

Cationic Surfactant

Mobility Not considered mobile.

propan-2-ol

Mobility Mobile.

(R)-p-mentha-1,8-diene d-limonene

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

	Cationic Surfactant
Results of PBT and vPvB assessment	This substance is not classified as PBT or vPvB according to current EU criteria.
	propan-2-ol
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
	(R)-p-mentha-1,8-diene d-limonene
Results of PBT and vPvB assessment	No data available.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

propan-2-ol

Other adverse effects Do not discharge into drains or watercourses or onto the ground. Do not empty into drains.

(R)-p-mentha-1,8-diene d-limonene

Other adverse effects No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.

EU legislation 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) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
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 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC_{50}: Lethal Concentration to 50 % of a test population. LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose). EC_{50}: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Skin Irrit. = Skin irritation Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures according to Regulation (EC) 1272/2008 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.	Skin Irrit. 2 - H315: : Calculation method. Aquatic Chronic 3 - H412: : Calculation method.

Training advice Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Revision date 01/04/2022

Revision 5

Supersedes date 01/06/2015

Hazard statements in full H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains d-LIMONENE. May produce an allergic reaction.