

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

Printing date: 06/03/2023

Revision: N/A

Trade name: TGB 2 in 1 Base coat

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

### 1.1 Product identifier

Trade name: TGB 2 in 1 Base coat

Product code: BS21

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

Relevant identified uses: Cosmetic applications.

Application of the substance / the mixture Professional applications. Consumer applications.

Uses advised against: None.

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

Manufacturer/Supplier:

Unit 1 G3 Business Park, Dolphins Road, Shoreham-By- Sea BN436AN

Further information obtainable from: [contact@thegelbottle.com](mailto:contact@thegelbottle.com)

### 1.4 Emergency telephone number:

03337720965

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Product definition: Mixture.

Classification according to Regulation (EC) No 1272/2008

Flam Liq. 2, H225

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word Danger.

Hazard statements

Highly flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

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**Precautionary statements**

General:

Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention:

Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing vapor. Wash thoroughly after handling.

Response:

IF INHALED: Call a POISON CENTER or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage:

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazardous ingredients** Ethyl acetate  
n-butyl acetate

**Supplemental label elements** Contains 1-hydroxy-4-(p-toluidino)anthraquinone (CI 60725). May produce an allergic reaction.

**Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** Not applicable.

**Special packaging requirements**

**Containers to be fitted with child resistant fastenings** Not applicable.

**Tactile warning of danger** Yes, applicable.

**2.3 Other hazards**

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII**  
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** None known.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures: Mixtures**

Product/Ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type*
Ethyl acetate	CAS: 141-78-6 EC/List: 205-500-4 Index: 607-022-00-5	≥25 - ≤50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	-	[1] [2]
n-butyl acetate	CAS: 123-86-4 EC/List: 204-658-	≥25 - ≤50	Flam. Liq. 3, H226	-	[1] [2]

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	1 Index: 607-025-00-1		STOT SE 3, H336 EUH066		
Isopropyl alcohol	CAS: 67-63-0 EC/List: 200-661-7 Index: 603-117-00-0	≥10 - ≤25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	-	[1]
Benzophenone-3	CAS: 131-57-7 EC/List: 205-031-5	≥0.3 - ≤1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 10 M [Chronic] = 1	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

**\*Type:**

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

See Section 16 for the full text of the H statements declared above.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion:** Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an

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unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Protection of first aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

##### Overexposure signs/symptoms

**Eye:** Adverse symptoms may include the following:

- pain or irritation
- watering
- redness

**Inhalation:** Adverse symptoms may include the following:

- nausea or vomiting
- headache
- drowsiness/fatigue
- dizziness/vertigo
- unconsciousness

**Skin contact:** No specific data.

**Ingestion:** No specific data.

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

**Notes to physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatment:** No specific treatment.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media:** Do not use water jet.

#### 5.2 Special hazards arising from the substance or mixture

**Hazards from the substance/mixture:** Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide
- nitrogen oxides

#### 5.3 Advice for firefighters

**Protective actions:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move

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containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Protective equipment:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

**6.3 Methods and material for containment and cleaning up:**

**Small spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

**6.4 Reference to other sections**

See Section 1 for information emergency contact information.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**7.1 Precautions for safe handling**

**Protective measures:** Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the

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original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupation hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive – Reporting thresholds (in tonnes)

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonne	50000 tonne

7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

**Occupational exposure limits:**

Product/Ingredient name	Exposure limit values
Ethyl acetate	EU OEL (Europe, 10/2019). Notes: list of indicative occupational exposure limit values STEL: 400 ppm 15 minutes. STEL: 1468 mg/m <sup>3</sup> 15 minutes. TWA: 734 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours.
n-butyl acetate	EU OEL (Europe, 10/2019). Notes: list of indicative occupational exposure limit values STEL: 150 ppm 15 minutes. STEL: 723 mg/m <sup>3</sup> 15 minutes. TWA: 241 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.

**Biological exposure indices:**

No exposure indices known.

**Recommended monitoring procedures:** Reference should be made to monitoring standards, such

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as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

Product name/ingredient	Type	Exposure	Value	Population	Effects
ethyl acetate	DNEL	Long term Oral	4.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	37 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	63 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	367 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	367 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Inhalation	734 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	734 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	734 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	734 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	1468 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	1468 mg/m <sup>3</sup>	Workers	Systemic
n-butyl acetate	DNEL	Long term Oral	3.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	12 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	48 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Inhalation	102.34 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	480 mg/m <sup>3</sup>	Workers	Local

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Product name/ingredient	Type	Exposure	Value	Population	Effects
	DNEL	Short term Inhalation	859.7 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	859.7 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Inhalation	960 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	960 mg/m <sup>3</sup>	Workers	Systemic
Isopropyl alcohol	DNEL	Long term Oral	26 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	89 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	319 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	888 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	500 mg/m <sup>3</sup>	Workers	Systemic
Benzophenone-3	DNEL	Long term Oral	2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	6.8 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	20 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	27.7 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	39 mg/kg bw/day	Workers	Systemic

#### **PNECs**

No PNECs available.

#### **8.2 Exposure controls**

**Appropriate engineering controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### **Individual protection measures**

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher



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degree of protection: chemical splash goggles.

#### **Skin protection**

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls:** 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**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

##### **Appearance:**

Physical state:	Liquid.
Color:	Colorless.
Odor:	Ether-like [Fruity.]
pH-value:	Not available.
Specific gravity:	0.9
Refractive index:	Not available.
Vapor pressure:	97 hpa at 20°C; 153 hpa at 30°C
Vapor density:	Not available.
Viscosity:	0.426 mPas
Evaporation rate:	Not available.
Solubility:	

Media	Result
Water	Insoluble

Partition coefficient:	0.68
Boiling point/Boiling range:	77.11°C

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Melting point:	-88°C
Flash point:	Closed cup: -4.4°C
Auto-ignition temperature:	460°C
Decomposition temperature:	Not available.
Flammability:	Not applicable.
Upper/lower flammability or Explosive limits:	Upper: 11.5%; Lower: 2.2%
Oxidizing properties:	Not available.
Explosive properties:	Not available.
Volatile organic content (VOC):	Not available.
<u>Particle characteristics</u>	
Median particle size:	Not applicable.

**9.2 Other information** No additional information.

## SECTION 10: Stability and reactivity

**10.1 Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability:** The product is stable.

**10.3 Possibility of hazardous reactions:**

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous polymerization will not occur.

**10.4 Conditions to avoid:** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**10.5 Incompatible materials:** Reactive or incompatible with the following materials:

oxidizing materials

**10.6 Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2009**

**Acute toxicity:**

**Conclusion/Summary:** Not available.

**Acute toxicity estimates:**

N/A

**Primary irritant effect:**

**on the skin:** Not available.

**on the eye:** Causes serious eye irritation.

**Sensitization:**

**Conclusion/Summary:** Not available.

**Mutagenicity:**

**Conclusion/Summary:** Not available.

**Carcinogenicity:**

**Conclusion/Summary:** Not available.

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**Reproductive toxicity:**

**Conclusion/Summary:** Not available.

**Teratogenicity:**

**Conclusion/Summary:** Not available.

**Specific target organ toxicity (single exposure):**

**Conclusion/Summary:** Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

**Specific target organ toxicity (repeated exposure):**

**Conclusion/Summary:** Not available.

**Aspiration hazard:**

**Conclusion/Summary:** Not available.

**Information on likely route of exposure:** Oral. Dermal. Inhalation. Eyes.

Potential acute health effects

**Eye:** Causes serious eye irritation.

**Inhalation:** Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

**Skin contact:** No known significant effects or critical hazards.

**Ingestion:** Can cause central nervous system (CNS) depression.

Symptoms related physical, chemical and toxicological characteristics

**Eye:** Adverse symptoms may include the following:

pain or irritation

watering

redness

**Inhalation:** Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue

dizziness/vertigo

unconsciousness

**Skin contact:** No specific data.

**Ingestion:** No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

Long term exposure

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

Potential chronic health effects

**General:**

No known significant effects or critical hazards.

**Carcinogenicity:**

No known significant effects or critical hazards.

**Mutagenicity:**

No known significant effects or critical hazards.

**Reproductive toxicity:**

No known significant effects or critical hazards.

## 11.2 Information on other hazards

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**11.2.1 Endocrine disrupting properties**

Not available

**11.2.2 Other information**

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary:** Not available.

### 12.2 Persistence and degradability:

**Conclusion/Summary:** Not available.

### 12.3 Bioaccumulative potential:

**Conclusion/Summary:** Not available.

### 12.4 Mobility in soil:

**Soil/water partition coefficient ( $K_{oc}$ ):** Not available.

**Mobility:** Not available.

### 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Not available.

**12.7 Other adverse effects:** No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste:** The classification of the product may meet the criteria for a hazardous waste.

#### Packaging

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions:** This material and its container must be disposed of in a safe way. Care should

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be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

#### SECTION 14: Transport information

	ADR/RID/ADN	IMDG	IATA
<b>14.1 UN number</b>	UN1993	UN1993	UN1993
<b>14.2 UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (ethyl acetate, n-butyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate, n-butyl acetate)	FLAMMABLE LIQUID, N.O.S. (ethyl acetate, n-butyl acetate)
<b>14.3 Transport hazard class(es)</b>	3	3	3
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>	No.	No.	No.

#### Additional information

ADR/RID : **Special provisions** 640 (C)

**Tunnel code** (D/E)

ADN : The product is only regulated as an environmentally hazardous substance when transported in tank vessels.

**Special provisions** 640 (C)

#### 14.6 Special precautions for user

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments:** Not available.

#### SECTION 15: Regulatory information

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

##### EU Regulation (EC) No. 1907/2006 (REACH)

##### Annex XIV - List of substances subject to authorization

Annex XIV: None of the components are listed.

Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

##### Other EU regulations

**Industrial emissions (integrated pollution prevention and control) – Air:** Not listed.

**Industrial emissions (integrated pollution prevention and control) – Water:** Not listed.

**Ozone depleting substances (1005/2009/EU):** Not listed.

**Prior Informed Consent (PIC) (649/2012/EU):** Not listed.

**Persistent Organic Pollutants:** Not listed.

**Seveso Directive:** This product is controlled under the Seveso Directive. See Section 7.2 for Danger criteria and category.

##### National regulations

**Biocidal product regulation:** Not applicable.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

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#### International regulations

**Chemical Weapon Convention List Schedules I, II & III Chemicals:** Not listed.

**Montreal Protocol:** Not listed.

**Stockholm Convention on Persistent Organic Pollutants:** Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC):** Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals:** Not listed.

**15.2 Chemical Safety Assessment:** This product contains substances for which Chemical Safety Assessments are still required.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### **Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification	Justification
Flam Liq. 2, H225	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

#### **Full text of abbreviated H statements**

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### **Full text of classifications [CLP/GHS]**

Aquatic Acute 1	AQUATIC HAZARD (ACUTE) – Category 1
Aquatic Chronic 1	AQUATIC HAZARD (LONG-TERM) – Category 1
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) – Category 3
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS – Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS – Category 3
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) – Category 3

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

**Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878**

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ATE: Acute Toxicity Estimate

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

EUH statement = CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic

RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

PNEC = Predicted No Effect Concentration

SGG = Segregation Group

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**End of Safety Data Sheet**