

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
UK REACH Regulations (SI 2019/758 as amended)

Revision date 12/06/2024

Revision Number 3

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

### 1.1. Product identifier

Product Code(s) 2995,3012,3074,3223,3237,3320,3371,3603,3622,3630,3700

Product Name Tru-Tension - Brake Cleaner Aerosols

Pure substance/mixture Mixture

Contains Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Hydrocarbons, C6, isoalkanes, <5% n-hexane

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

Recommended use Cleaning agent

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

#### Manufacturer

Tru Tension Ltd  
Sugnell Business Centre  
Sugnell  
Stafford  
ST21 6NF  
tel: +44 (0) 1275 792114

For further information, please contact;

Emergency Telephone Tel: +44 (0) 1275 792114 (Hours 09:00 - 17:00 Mon to Fri)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Skin corrosion/irritation	Category 2 - (H315)
Specific target organ toxicity — single exposure	Category 3 - (H336)
Category 3 Narcotic effects	
Chronic aquatic toxicity	Category 2 - (H411)
Aerosols	Category 1 - (H222, H229)

### 2.2. Label elements

Contains Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Hydrocarbons, C6, isoalkanes, <5% n-hexane



**Signal word**

Danger

**Hazard statements**

- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H411 - Toxic to aquatic life with long lasting effects
- H222 - Extremely flammable aerosol
- H229 - Pressurised container: May burst if heated

**Precautionary statements**

- P102 - Keep out of reach of children
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P211 - Do not spray on an open flame or other ignition source
- P251 - Do not pierce or burn, even after use
- P261 - Avoid breathing vapours/spray
- P271 - Use only outdoors or in a well-ventilated area
- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**2.3. Other hazards**

No information available.

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

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 64742-49-0	30-60%	921-024-6	-	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	-	-	-
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE 68476-85-7	30-60%	( ) 270-704-2	-	Flam. Gas 1 (H220) Press. Gas (H280)	-	-	-
Hydrocarbons, C6, isoalkanes, <5%	10-30%	931-254-9	-	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315	-	-	-

n-hexane 64742-49-0				STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411			
3-methylbutyl acetate 123-92-2	<1%	(607-130-00 -2) 204-662-3	-	(EUH066) Flam. Liq. 3 (H226)	-	-	-
Ethyl acetate 141-78-6	<1%	(607-022-00 -5) 205-500-4	-	(EUH066) Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	-	-	-
Toluene 108-88-3	<1%	(601-021-00 -3) 203-625-9	-	Flam. Liq. 2 (H225) Skin Irrit. 2 (H315) Repr. 2 (H361d) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304)	-	-	-

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

This product does not contain candidate substances of very high concern at a concentration  $\geq$  0.1% (UK REACH Article 59)

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

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

<b>Symptoms</b>	Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically.
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**SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

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

<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.
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### 5.3. Advice for firefighters

<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>Other information</b>	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for containment</b>	Stop leak if you can do it without risk. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

<b>Reference to other sections</b>	See section 8 for more information. See section 13 for more information.
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## **SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapours or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

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

**Storage Conditions**

Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.

**7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure Limits**

Chemical name	United Kingdom
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE 68476-85-7	TWA: 1000 ppm TWA: 1750 mg/m <sup>3</sup> STEL: 1250 ppm STEL: 2180 mg/m <sup>3</sup>
3-methylbutyl acetate 123-92-2	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 541 mg/m <sup>3</sup>
Ethyl acetate 141-78-6	TWA: 734 mg/m <sup>3</sup> TWA: 200 ppm STEL: 1468 mg/m <sup>3</sup> STEL: 400 ppm
Toluene 108-88-3	TWA: 50 ppm TWA: 191 mg/m <sup>3</sup> STEL: 100 ppm STEL: 384 mg/m <sup>3</sup> Sk*

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers** No information available

Chemical name	Oral	Dermal	Inhalation
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 64742-49-0			1286.4 mg/m <sup>3</sup> [4] [7] 837.5 mg/m <sup>3</sup> [5] [6] 1066.67 mg/m <sup>3</sup> [5] [7]
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE 68476-85-7		23.4 mg/kg bw/day [4] [6]	
Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0			1286.4 mg/m <sup>3</sup> [4] [7] 837.5 mg/m <sup>3</sup> [5] [6] 1066.67 mg/m <sup>3</sup> [5] [7]
Ethyl acetate 141-78-6		63 mg/kg bw/day [4] [6]	734 mg/m <sup>3</sup> [4] [6] 1468 mg/m <sup>3</sup> [4] [7] 734 mg/m <sup>3</sup> [5] [6] 1468 mg/m <sup>3</sup> [5] [7]
Toluene 108-88-3		384 mg/kg bw/day [4] [6]	192 mg/m <sup>3</sup> [4] [6] 384 mg/m <sup>3</sup> [4] [7] 192 mg/m <sup>3</sup> [5] [6] 384 mg/m <sup>3</sup> [5] [7]

**Derived No Effect Level (DNEL) - General Public** No information available.

Chemical name	Oral	Dermal	Inhalation
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 64742-49-0			1152 mg/m <sup>3</sup> [4] [7] 178.57 mg/m <sup>3</sup> [5] [6] 640 mg/m <sup>3</sup> [5] [7]
Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0			1152 mg/m <sup>3</sup> [4] [7] 178.57 mg/m <sup>3</sup> [5] [6] 640 mg/m <sup>3</sup> [5] [7]
Ethyl acetate 141-78-6	4.5 mg/kg bw/day [4] [6]		367 mg/m <sup>3</sup> [4] [6] 734 mg/m <sup>3</sup> [4] [7] 367 mg/m <sup>3</sup> [5] [6] 734 mg/m <sup>3</sup> [5] [7]
Toluene 108-88-3	8.13 mg/kg bw/day [4] [6]		56.5 mg/m <sup>3</sup> [4] [6] 226 mg/m <sup>3</sup> [4] [7] 56.5 mg/m <sup>3</sup> [5] [6] 226 mg/m <sup>3</sup> [5] [7]

**Predicted No Effect Concentration (PNEC)** No information available.

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
3-methylbutyl acetate 123-92-2	0.011 mg/L	0.11 mg/L	0.0011 mg/L		
Ethyl acetate 141-78-6	0.24 mg/L	1.65 mg/L	0.024 mg/L		
Toluene	0.68 mg/L	0.68 mg/L	0.68 mg/L		

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
108-88-3					

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
3-methylbutyl acetate 123-92-2	0.335 mg/kg sediment dw	0.0335 mg/kg sediment dw	30 mg/L	0.06 mg/kg soil dw	
Ethyl acetate 141-78-6	1.15 mg/kg sediment dw	0.115 mg/kg sediment dw	650 mg/L	0.148 mg/kg soil dw	0.2 g/kg food
Toluene 108-88-3	16.39 mg/kg sediment dw	16.39 mg/kg sediment dw	13.61 mg/L	2.89 mg/kg soil dw	

## 8.2. Exposure controls

**Engineering controls** No information available.

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Safety glasses with side shields are recommended for medical or industrial exposures.

**Hand protection** Impervious gloves. Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

## SECTION 9: Physical and chemical properties

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

**Physical state** Aerosol  
**Colour** clear  
**Odour** sweet.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	-41 - 95 °C	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	9.5	
<b>Lower flammability or explosive</b>	1.0	

<b>limits</b>		
Flash point	<-40	None known
Autoignition temperature	413 °C	None known
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	Insoluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	0.648	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
<b>Particle characteristics</b>		
Particle Size		
Particle Size Distribution		
Explosive properties	No information available	
Oxidising properties	No information available	

**9.2. Other information**

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity No information available.

**10.2. Chemical stability**

Stability Stable under normal conditions.

**Explosion data**

Sensitivity to mechanical impact None.  
 Sensitivity to static discharge Yes.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

**10.4. Conditions to avoid**

Conditions to avoid Heat, flames and sparks.

**10.5. Incompatible materials**

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

**10.6. Hazardous decomposition products**

Hazardous decomposition products None known based on information supplied.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Redness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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**Acute toxicity**

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	5,022.30 mg/kg
<b>ATEmix (dermal)</b>	3,174.10 mg/kg
<b>ATEmix (inhalation-gas)</b>	99,999.00 ppm
<b>ATEmix (inhalation-dust/mist)</b>	99,999.00 mg/l
<b>ATEmix (inhalation-vapour)</b>	99,999.00 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	> 5000 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 73680 ppm ( Rat ) 4 h
Hydrocarbons, C6, isoalkanes, <5% n-hexane	> 5000 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 73680 ppm ( Rat ) 4 h
Ethyl acetate	= 5620 mg/kg ( Rat )	> 18000 mg/kg ( Rabbit )	= 4000 ppm ( Rat ) 4 h
Toluene	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h

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

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	United Kingdom
Toluene	Repr. 2

**STOT - single exposure** May cause drowsiness or dizziness.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Unknown aquatic toxicity** Contains 0 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	-	LC50: =8.41mg/L (96h, Oncorhynchus mykiss)	-	EC50: <0.26mg/L (48h, Daphnia magna)
Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	LC50: =8.41mg/L (96h, Oncorhynchus mykiss)	-	EC50: <0.26mg/L (48h, Daphnia magna)
Ethyl acetate	-	LC50: 220 - 250mg/L (96h, Pimephales promelas) LC50: =484mg/L (96h, Oncorhynchus mykiss) LC50: 352 - 500mg/L (96h, Oncorhynchus mykiss)	-	EC50: =560mg/L (48h, Daphnia magna)
Toluene	EC50: >433mg/L (96h, Pseudokirchneriella subcapitata) EC50: =12.5mg/L (72h, Pseudokirchneriella subcapitata)	LC50: 15.22 - 19.05mg/L (96h, Pimephales promelas) LC50: =12.6mg/L (96h, Pimephales promelas) LC50: 5.89 - 7.81mg/L (96h, Oncorhynchus mykiss) LC50: 14.1 - 17.16mg/L (96h, Oncorhynchus mykiss) LC50: =5.8mg/L (96h,	-	EC50: 5.46 - 9.83mg/L (48h, Daphnia magna) EC50: =11.5mg/L (48h, Daphnia magna)

		Oncorhynchus mykiss) LC50: 11.0 - 15.0mg/L (96h, Lepomis macrochirus) LC50: =54mg/L (96h, Oryzias latipes) LC50: =28.2mg/L (96h, Poecilia reticulata) LC50: 50.87 - 70.34mg/L (96h, Poecilia reticulata)		
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**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE	<=2.8
3-methylbutyl acetate	2.7
Ethyl acetate	0.73
Toluene	2.73

**12.4. Mobility in soil**

**Mobility in soil** No information available.

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

**PBT and vPvB assessment** No information available.

Chemical name	PBT and vPvB assessment
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	The substance is not PBT / vPvB
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE	The substance is not PBT / vPvB
Hydrocarbons, C6, isoalkanes, <5% n-hexane	The substance is not PBT / vPvB
3-methylbutyl acetate	The substance is not PBT / vPvB
Ethyl acetate	The substance is not PBT / vPvB
Toluene	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**SECTION 14: Transport information**

**IATA**

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	Aerosols, flammable
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, flammable, 2.1
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	A145, A167, A802
ERG Code	10L

**IMDG**

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	UN1950, Aerosols, 2.1
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, 2.1
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	63,190, 277, 327, 344, 381, 959
EmS-No.	F-D, S-U
14.7 Maritime transport in bulk according to IMO instruments	

**RID**

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	UN1950, Aerosols, 2.1
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, 2.1
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	63,190, 277, 327, 344, 381, 959
Classification code	5F

**ADR**

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	UN1950, Aerosols, 2.1
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, 2.1
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	63,190, 277, 327, 344, 381, 959
Classification code	5F
Tunnel restriction code	(E)

**SECTION 15: Regulatory information**

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

**Authorisations and/or restrictions on use:**

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV

Toluene - 108-88-3	Use restricted. See item 48.	-
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**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

Not applicable

**Dangerous substance category per COMAH (SI 2015/483 as amended)**

P3a - FLAMMABLE AEROSOLS

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

P3b - FLAMMABLE AEROSOLS

**Named dangerous substances per COMAH (SI 2015/483 as amended)**

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane - 64742-49-0	-	25000
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE - 68476-85-7	50	200
Hydrocarbons, C6, isoalkanes, <5% n-hexane - 64742-49-0	-	25000

**The Ozone-Depleting Substances Regulations 2015**

Not applicable

**The Biocidal Products Regulations 2001 (as amended)**

Not applicable

**The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)**

Not applicable

**Poisons and Explosive Precursors**

Not applicable

**International Inventories**

<b>TSCA</b>	See inventories below
<b>DSL/NDSL</b>	See inventories below
<b>EINECS/ELINCS</b>	See inventories below
<b>ENCS</b>	See inventories below
<b>IECSC</b>	See inventories below
<b>KECI</b>	See inventories below
<b>PICCS</b>	See inventories below
<b>AIIC</b>	See inventories below
<b>NZIoC</b>	See inventories below

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AIIC** - Australian Inventory of Industrial Chemicals
- NZIoC** - New Zealand Inventory of Chemicals

**15.2. Chemical safety assessment**

Chemical Safety Report

No information available

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking  
 H220 - Extremely flammable gas  
 H225 - Highly flammable liquid and vapour  
 H226 - Flammable liquid and vapour  
 H280 - Contains gas under pressure; may explode if heated  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H336 - May cause drowsiness or dizziness  
 H361d - Suspected of damaging the unborn child  
 H373 - May cause damage to organs through prolonged or repeated exposure

#### Legend

SVHC: Substances of Very High Concern for Authorisation:

#### Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitisers		

#### Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method
Flammable aerosol	On basis of test data

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 National Institute of Technology and Evaluation (NITE)  
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
 Organisation for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

Revision date 12/06/2024

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**  
**Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

**UK SDS version information - XGHS**

UL release:  
 GHS Revision 7  
 2022 Q1

**United Kingdom**

Full process, including GHS and Transportation Wizards

Specific target organ toxicity — single exposure	Category 3
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Category 2  
 Category 3 Target organ effects: Narcotic effects.

Full text of H-Statements referred to under section 3 EUH066 - Repeated exposure may cause skin dryness or cracking H220 - Extremely flammable gas H225 - Highly flammable liquid and vapour H226 - Flammable liquid and vapour H280 - Contains gas under pressure; may explode if heated H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness H361d - Suspected of damaging the unborn child H373 - May cause damage to organs through prolonged or repeated exposure

Chemical name	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE	Flam. Gas 1 (H220) Press. Gas (H280)	
Hydrocarbons, C6, isoalkanes, <5% n-hexane	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336	

	Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
3-methylbutyl acetate	(EUH066) Flam. Liq. 3 (H226)	
Ethyl acetate	(EUH066) Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	
Toluene	Flam. Liq. 2 (H225) Skin Irrit. 2 (H315) Repr. 2 (H361d) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304)	