



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 21-Feb-2023

Revision Number 1

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

### 1.1. Product identifier

**Product Code(s)** DRE-C17722400  
**Product Name** 1,2,4-Trichlorobenzene  
**Form** Not applicable

*NOTE [8] - No registration number is given for this substance because it is under the threshold in REACH Article 6(1) and not subject to the registration requirements according to REACH Title II*

**EC No (EU Index No)** 204-428-0  
**CAS No** 120-82-1  
**Chemical name** 1,2,4-Trichlorobenzene  
**Pure substance/mixture** Substance  
**Formula** C<sub>6</sub> H<sub>3</sub> Cl<sub>3</sub>  
**Molecular weight** 181.45

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

**Recommended use** Laboratory use  
**Uses advised against** No information available

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

#### Supplier

LGC Limited  
Queens Road  
Teddington  
Middlesex TW11 0LY  
UNITED KINGDOM  
:+44 (0) 20 8943 7000  
Fax :+44 (0) 20 8943 2767  
eMail : gb@lgcstandards.com

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## 1.4. Emergency telephone number

Emergency Telephone For Hazardous Materials or Dangerous Goods Incident  
Spill, Leak, Fire Exposure, or Accident  
Call CHEMTREC:  
USA & Canada 1-800-424-9300  
Rest of the world +1 703-741-5970

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	No information available
Bulgaria	
Croatia	
Cyprus	
Czech Republic	
Denmark	
France	
Hungary	
Ireland	
Italy	
Lithuania	
Luxembourg	
Netherlands	
Norway	
Portugal	
Romania	
Slovakia	
Slovenia	
Spain	
Sweden	
Switzerland	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Skin corrosion/irritation	Category 2 - (H315)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

### 2.2. Label elements



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Contains 1,2,4-Trichlorobenzene



### Signal word

Warning

### Hazard statements

H302 - Harmful if swallowed

H315 - Causes skin irritation

H410 - Very toxic to aquatic life with long lasting effects

### Precautionary Statements - EU (§28, 1272/2008)

P264 - Wash face, hands and any exposed skin thoroughly after handling

P273 - Avoid release to the environment

P280 - Wear protective gloves

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

### 2.3. Other hazards

No information available.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

This product does not contain any known or suspected endocrine disruptors.

Chemical name	EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation	EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances
1,2,4-Trichlorobenzene	-	-

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
1,2,4-Trichlorobenzene	100	-	204-428-0	Acute Tox. 4 (H302) Skin Irrit. 2 (H315)			



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120-82-1				Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)			
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**Full text of H- and EUH-phrases: see section 16**

### Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
1,2,4-Trichlorobenzene 120-82-1	756	6139	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (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. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<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>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

<b>Symptoms</b>	No information available.
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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

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** No information available.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections



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Reference to other sections See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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.

#### General hygiene considerations

Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

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

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA.

### 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	European Union	Austria	Belgium	Bulgaria	Croatia
1,2,4-Trichlorobenzene 120-82-1	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> *	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL 5 ppm STEL 37.8 mg/m <sup>3</sup> H*	*	STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> K*	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> *
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
1,2,4-Trichlorobenzene 120-82-1	*	TWA: 15 mg/m <sup>3</sup> Ceiling: 35 mg/m <sup>3</sup> *	TWA: 2 ppm TWA: 15 mg/m <sup>3</sup> H*	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> A*	TWA: 2 ppm TWA: 15 mg/m <sup>3</sup> STEL: 5 ppm STEL: 38 mg/m <sup>3</sup> iho*



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Chemical name	France	Germany	Germany MAK	Greece	Hungary
1,2,4-Trichlorobenzene 120-82-1	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> *	TWA: 0.5 ppm TWA: 3.8 mg/m <sup>3</sup>	*	TWA: 5 ppm TWA: 40 mg/m <sup>3</sup> STEL: 5 ppm STEL: 40 mg/m <sup>3</sup> skin - potential for cutaneous absorption	TWA: 15.1 mg/m <sup>3</sup> STEL: 37.8 mg/m <sup>3</sup> *
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
1,2,4-Trichlorobenzene 120-82-1	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> Sk*	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> pelle*	Ceiling: 5 ppm Ceiling: 37 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> *	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup>
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
1,2,4-Trichlorobenzene 120-82-1	* STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup>	* STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup>	TWA: 7.55 mg/m <sup>3</sup> STEL: 37.8 mg/m <sup>3</sup> H*	TWA: 2 ppm TWA: 15 mg/m <sup>3</sup> STEL: 4 ppm STEL: 22.5 mg/m <sup>3</sup> H*	STEL: 30 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup> *
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
1,2,4-Trichlorobenzene 120-82-1	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> Ceiling: 5 ppm P*	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: 5 ppm STEL: 37.8 mg/m <sup>3</sup> *	TWA: 2 ppm TWA: 15 mg/m <sup>3</sup> * Ceiling: 38 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 15.1 mg/m <sup>3</sup> STEL: STEL ppm STEL: STEL mg/m <sup>3</sup> *	TWA: 2 ppm TWA: 15 mg/m <sup>3</sup> STEL: 5 ppm STEL: 38 mg/m <sup>3</sup> vía dérmica*
Chemical name	Sweden		Switzerland		United Kingdom
1,2,4-Trichlorobenzene 120-82-1	NGV: 2 ppm NGV: 15 mg/m <sup>3</sup> Bindande KGV: 5 ppm Bindande KGV: 38 mg/m <sup>3</sup> *		TWA: 5 ppm TWA: 38 mg/m <sup>3</sup> H*		TWA: 1 ppm STEL: 5 ppm 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)** No information available.  
**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

#### Personal protective equipment



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Eye/face protection	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Hand protection	Wear suitable gloves. Impervious gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective nitrile rubber or Viton™ gloves.
Skin and body protection	Long sleeved clothing. Wear suitable protective clothing.
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	Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.
Environmental exposure controls	Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid
Appearance	Liquid
Colour	colourless
Odour	Aromatic.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point	17 °C	None known
Initial boiling point and boiling range	213 °C	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	6.6 %vol	
Lower flammability or explosive limits	2.5 %vol	
Flash point	110 °C	None known
Autoignition temperature	571 °C	None known
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	35 mg/l	@ 25 °C
Solubility(ies)	No data available	None known



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Partition coefficient	4.02	None known
Vapour pressure	0.61 hPa	@ 25 °C
Relative density	1.46	@ 20 °C
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	6.26	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

### 9.2. Other information

Molecular weight	181.45
Molecular formula	C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## 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 None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

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

Hazardous decomposition products None known based on information supplied.



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## SECTION 11: Toxicological information

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

#### Information on likely routes of exposure

##### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Harmful if swallowed. (based on components).

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

**Symptoms** Redness. May cause redness and tearing of the eyes.

#### Numerical measures of toxicity

##### Acute toxicity

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1,2,4-Trichlorobenzene	= 756 mg/kg ( Rat )	= 6139 mg/kg ( Rat )	

#### 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.



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Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Endocrine disrupting properties

### 11.2.2. Other information

Other adverse effects No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
1,2,4-Trichlorobenzene	EC50: 11.1 - 36.2mg/L (72h, Pseudokirchneriella subcapitata) EC50: =1.4mg/L (96h, Pseudokirchneriella subcapitata) EC50: =8.4mg/L (96h, Desmodesmus subspicatus)	LC50: 1.24 - 1.4mg/L (96h, Oncorhynchus mykiss) LC50: 1.67 - 4.34mg/L (96h, Pimephales promelas) LC50: 2.68 - 3.4mg/L (96h, Lepomis macrochirus)	-	EC50: =2.7mg/L (48h, Daphnia magna)



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		LC50: 2.7 - 4.1mg/L (96h, Lepomis macrochirus) LC50: 3.4 - 4.77mg/L (96h, Oncorhynchus mykiss) LC50: =2.76mg/L (96h, Pimephales promelas) LC50: =3.02mg/L (96h, Lepomis macrochirus) LC50: =4.8mg/L (96h, Oryzias latipes) LC50: =6.57mg/L (96h, Brachydanio rerio)		
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## 12.2. Persistence and degradability

Persistence and degradability No information available.

## 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

### Component Information

Chemical name	Partition coefficient
1,2,4-Trichlorobenzene	4.02

## 12.4. Mobility in soil

Mobility in soil No information available.

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

## 12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

## 12.7. Other adverse effects

No information available.

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods



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**Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**

Do not reuse empty containers.

## SECTION 14: Transport information

### IATA

14.1 UN number or ID number	UN2321
14.2 UN proper shipping name	Trichlorobenzenes, liquid
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN2321, Trichlorobenzenes, liquid, 6.1, III
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	None
ERG Code	6L

### IMDG

14.1 UN number or ID number	UN2321
14.2 UN proper shipping name	Trichlorobenzenes, liquid
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN2321, Trichlorobenzenes, liquid, 6.1, III, Marine pollutant
14.5 Marine pollutant	P
Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	None
EmS-No	F-A, S-A No information available
14.7 Maritime transport in bulk according to IMO instruments	No information available

### RID

14.1 UN number or ID number	UN2321
14.2 UN proper shipping name	Trichlorobenzenes, liquid
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN2321, Trichlorobenzenes, liquid, 6.1, III, Environmentally Hazardous
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	None
Classification code	T1

### ADR

14.1 UN number or ID number	UN2321
14.2 UN proper shipping name	Trichlorobenzenes, liquid



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14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN2321, Trichlorobenzenes, liquid, 6.1, III, (E), Environmentally Hazardous
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	None
Classification code	T1
Tunnel restriction code	(E)

## SECTION 15: Regulatory information

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

#### National regulations

##### France

##### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
1,2,4-Trichlorobenzene 120-82-1	RG 9	-

Water hazard class (WGK) strongly hazardous to water (WGK 3)

##### Poland

SDS created according to the following Polish regulation: Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws of 2018, item 143, as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency (EC) as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, as amended. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classifying chemical substances and their mixtures (Journal of Laws of 2012, item 1018). Regulation of the Minister of Health of 20 April 2012 on labeling packaging of hazardous substances and mixtures and some mixtures (Journal of Laws of 2012, item 445). Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286). Announcement of the Minister of Economy, Labor and Social Policy of August 28, 2003 on the publication of the unified text of the Ordinance of the Minister of Labor and Social Policy on general health and safety at work regulations (Journal of Laws of 2003, No. 169, item 1650). Regulation of the Minister of Health of 30 December 2004 on occupational safety and health related to the presence of chemical agents in the workplace (Journal of Laws of 2005, No. 11, item 86). Act of December 14, 2012 on waste (Journal of Laws of 2013, item 21) Regulation of the Minister of Health of December 30, 2004 on occupational health and safety related to the presence of



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chemical agents in the workplace (Journal U. of 2005, No. 11, item 86). Waste Act of December 14, 2012 (Journal of Laws of 2013, item 21). Act of 13 June 2013 on the management of packaging and packaging waste, Journal of Laws 2013, item 888). Government statement of September 24, 2002 - European Agreement on the International Carriage of Dangerous Goods by Road (ADR) (Journal of Laws No. 194, item 1629 and Journal of Laws of 2003, No. 207, item 2013 and 2014).

## European Union

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.

## Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

## DIRECTIVE (EU) 2021/1187 on the marketing and use of explosives precursors

Not applicable

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
1,2,4-Trichlorobenzene - 120-82-1	49.	

## Persistent Organic Pollutants

Not applicable

## Export Notification requirements

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

Chemical name	European Export/Import Restrictions per (EC) 689/2008 - Annex Number
1,2,4-Trichlorobenzene - 120-82-1	I.1

## Dangerous substance category per Seveso Directive (2012/18/EU)

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

## EU - Water Framework Directive (2000/60/EC)

Chemical name	EU - Water Framework Directive (2000/60/EC)
1,2,4-Trichlorobenzene - 120-82-1	Priority substance

## International Inventories

TSCA

Complies

DSL/NDL

Contact supplier for inventory compliance status

EINECS/ELINCS

Contact supplier for inventory compliance status



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ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status

## 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  
**AICS** - Australian Inventory of Chemical Substances

## 15.2. Chemical safety assessment

**Chemical Safety Report** A Chemical Safety Assessment is not required for this substance

## 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

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

#### 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	*	Skin designation

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



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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

### 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)  
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)  
Japan GHS Classification  
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 21-Feb-2023

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

### Disclaimer

The information in this safety data sheet (SDS) has been prepared with due care and is true and accurate to the best of our knowledge. The user must determine the suitability of the information for its particular purpose, ensure compliance with existing laws and regulations, and be aware that other or additional safety or performance considerations may arise when using, handling and/ or storing the material. The information in this SDS does not purport to be all inclusive or a guarantee as to the properties of the material supplied, and should be used only as a guide. LGC makes no warranties or representations as to the accuracy and completeness of the information contained herein, shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be



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liable for any damage or loss, howsoever arising, direct or otherwise.

**End of Safety Data Sheet**