

SAFETY DATA SHEET

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

SDS #: F-60062

Liquid Ink Magenta

Issuing Date 24-Jun-2025

Revision date 01-May-2026

Revision Number 3

United Kingdom
Restricted to professional users**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product Name** Liquid Ink for Xerox® IJP900 Inkjet Press
Part no. 008R13354, 008R08168**Pure substance/mixture** Mixture**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended use** Ink jet printing**Uses advised against** No information available**1.3. Details of the supplier of the safety data sheet****Supplier**Xerox Ltd.
Uxbridge Business Park
Building 4
Sanderson Road
Uxbridge
Middlesex. UB8 1DH, UK

For further information, please contact

Contact Point Manager, Environment, Health, Safety & Sustainability**E-mail address** ehs-europe@xerox.comFor the most current document <https://safetysheets.business.xerox.com>**1.4. Emergency telephone number****Emergency Telephone** +44 1235 239670**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**
GB CLP (SI 2020/1567 as amended)

Eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1A - (H317)
Reproductive toxicity	Category 1B - (H360)

2.2. Label elements



Signal word

Danger

Hazard statements

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H360 - May damage fertility or the unborn child.

Precautionary statements

P264 - Wash hands thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P405 - Store locked up.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P363 - Wash contaminated clothing before reuse.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

2.3. Other hazards

Other hazards

Causes mild skin irritation.

PBT and vPvB assessment

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

Special Note

Contains a chemical that can cause an allergic reaction in susceptible people

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to GB CLP (SI 2020/1567 as amended)	UK REACH registration number	M-Factor

Water	30-40	7732-18-5	231-791-2	-	-	-
Polyhydric alcohol	15-25	Proprietary	Listed	-	-	-
Triethylene glycol, monobutyl ether	5-15	143-22-6	205-592-6	Eye Dam. 1 (H318)	-	-
Magenta pigment	1-10	Proprietary	Listed	-	-	-
2-Pyrrolidone	<4	616-45-5	210-483-1	Eye Irrit 2 (C ≥ 10 %) (H319) Repro Tox 1B (C ≥ 3 %) (H360)	-	-
Glycerin	1-3	56-81-5	200-289-5	-	-	-
Acrylate - based copolymer	1-2	Proprietary	--	-	-	-
1,2-Benzisothiazolin-3-one	<0.036	2634-33-5	220-120-9	Acute Tox. 2/inhal.(ATE = 0.21 mg/L, dusts or mists) (H330) Acute Tox. 4/oral (ATE = 450 mg/kg bw) (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (C ≥ 0.036 %) (H317) Aquatic Acute 1 (M = 1) (H400) Aquatic Chronic 1 (M = 1) (H410)	-	1
2-methyl-2H-isothiazol-3-one	<0.01	2682-20-4	220-239-6	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	-	-

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

"--" indicates no classification or hazard statements apply.

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

Acute Toxicity Estimate

In the absence of LD50/LC50 data, the conversion value (converted acute toxicity point estimate) may be indicated here; please

note that these values do not represent test results

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
Water	89838.9	No data available	No data available	No data available	No data available
Triethylene glycol, monobutyl ether	5300	3540	No data available	No data available	No data available
Magenta pigment	23000	3000	No data available	No data available	No data available
2-Pyrrolidone	328	2000	No data available	No data available	No data available
Glycerin	27200	10000	5.85	No data available	No data available
1,2-Benzisothiazolin-3-one	450 + 1020	2000	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	232 120	200	No data available	No data available	No data available

+ This value is the harmonised acute toxicity estimate (ATE) listed in GB CLP Annex VI, Part 3. This harmonised ATE value must be used when calculating the acute toxicity estimate (ATE_{mix}) for classifying a mixture containing the listed substance

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

General advice	For external use only. Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water. If possible drink milk afterwards. Consult a doctor if necessary. Do NOT induce vomiting.
Self-protection of the first aider	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

Symptoms	Prolonged contact may cause redness and irritation.
Effects of Exposure	May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility.

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

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use water spray or fog; do not use straight streams.

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 Do not allow run-off from fire-fighting to enter drains or water courses.

Hazardous combustion products Thermal decomposition can lead to release of irritating gases and vapours.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters In case of fire: Wear self-contained breathing apparatus. Use personal protective equipment.

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

Personal precautions Avoid contact with skin and eyes. Use personal protective equipment as required.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.
Do not allow into any sewer, on the ground or into any body of water

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dyke to collect large liquid spills. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

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

6.4. Reference to other sections

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 breathing vapours or mists. Avoid contact with skin and eyes. Do not ingest. If swallowed then seek immediate medical assistance.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

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.

7.3. Specific end use(s)

Specific use(s)

Ink jet printing.

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
Glycerin	TWA: 10 mg/m ³ STEL: 30 mg/m ³

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

Chemical name	Oral	Dermal	Inhalation
1,5-Pentanediol		10 mg/kg bw/day [4] [6]	35 mg/m ³ [4] [6]
Polyhydric alcohol		10 mg/kg bw/day [4] [6]	98.7 mg/m ³ [4] [6]
Magenta pigment		42 mg/kg bw/day [4] [6]	147 mg/m ³ [4] [6] 3 mg/m ³ [5] [6]
2-Pyrrolidone		4.2 mg/kg bw/day [4] [6]	29.62 mg/m ³ [4] [6]
1,2-Benzisothiazolin-3-one		0.966 mg/kg bw/day [4] [6]	6.81 mg/m ³ [4] [6]
2-methyl-2H-isothiazol-3-one			0.021 mg/m ³ [5] [6] 0.043 mg/m ³ [5] [7]

Notes

- [4] Systemic health effects.
 [5] Local health effects.
 [6] Long term.
 [7] Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
1,5-Pentanediol	5 mg/kg bw/day [4] [6]		8 mg/m ³ [4] [6]
Polyhydric alcohol	5 mg/kg bw/day [4] [6]		17.4 mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
Magenta pigment	25 mg/kg bw/day [4] [6]		
2-Pyrrolidone	0.67 mg/kg bw/day [4] [6]		1.985 mg/m ³ [4] [6]
1,2-Benzisothiazolin-3-one			1.2 mg/m ³ [4] [6]
2-methyl-2H-isothiazol-3-one	0.027 mg/kg bw/day [4] [6] 0.053 mg/kg bw/day [4] [7]		0.021 mg/m ³ [5] [6] 0.043 mg/m ³ [5] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
2-Pyrrolidone	0.5 mg/L	5 mg/L	0.05 mg/L		
1,2-Benzisothiazolin-3-one	4.03 µg/L	1.1 µg/L	0.403 µg/L	110 ng/L	
2-methyl-2H-isothiazol-3-one	3.39 µg/L	3.39 µg/L	3.39 µg/L	3.39 µg/L	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
1,5-Pentanediol			170.7 mg/L		
2-Pyrrolidone	2.17 mg/kg sediment dw	0.217 mg/kg sediment dw	10 mg/L	0.14 mg/kg soil dw	
1,2-Benzisothiazolin-3-one	49.9 µg/kg sediment dw	4.99 µg/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	
2-methyl-2H-isothiazol-3-one			0.23 mg/L	0.0471 mg/kg soil dw	

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection 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.

Thermal hazards None under normal processing.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

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
Colour	Magenta
Odour	Slight.
Odour threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	Not applicable	None known
Initial boiling point and boiling range	Not applicable	None known
Flammability	Not flammable	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Flash point	> 100 °C	Cleveland Open Cup
Autoignition temperature	Not applicable	None known
Decomposition temperature	Not applicable	None known
pH	8 - 9	@ 25 °C
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	5 - 10	None known
Dynamic viscosity	Not applicable	None known
Water solubility	Miscible in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	Not applicable	None known
Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk density	Not applicable	
Liquid Density	Not applicable	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	Not applicable	
Oxidising properties	No information available	

9.2. Other information

Softening point	Not determined
VOC content	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No dangerous reaction known under conditions of normal use.

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.**Hazardous polymerisation** Hazardous polymerisation does not occur.**10.4. Conditions to avoid****Conditions to avoid** Extremes of temperature and direct sunlight.**10.5. Incompatible materials****Incompatible materials** Alkali. Metals. Peroxides.**10.6. Hazardous decomposition products****Hazardous decomposition products** Undefined, but may include toxic oxides of carbon and nitrogen.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information****Inhalation** No known effects under normal use conditions.**Eye contact** Causes eye irritation.**Skin contact** Causes mild skin irritation.**Ingestion** Not an expected route of exposure.**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms** Prolonged contact may cause redness and irritation.**Acute toxicity****Numerical measures of toxicity****Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
Triethylene glycol, monobutyl ether	= 5300 mg/kg (Rat)	= 3540 mg/kg (Rabbit)	-
Magenta pigment	> 23 g/kg (Rat)	> 3000 mg/kg (Rabbit)	> 3.055 mg/L (Rat) 4 h

2-Pyrrolidone	6500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 80 ppm (Rat) 8 h
Glycerin	= 27200 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 5.85 mg/L (Rat) 4 h
1,2-Benzisothiazolin-3-one	= 1020 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
2-methyl-2H-isothiazol-3-one	232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)	= 200 mg/kg (Rabbit)	= 0.11 mg/L (Rat) 4 h

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

Skin corrosion/irritation	Based on available data, the classification criteria are not met. Causes mild skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	Not mutagenic in AMES Test.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Contains a known or suspected reproductive toxin.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Other adverse effects	Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not considered to be harmful to aquatic life.
Do not allow into any sewer, on the ground or into any body of water

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Polyhydric alcohol	-	LC50: >100mg/L (96h, <i>Oryzias latipes</i>)	-	-
Triethylene glycol, monobutyl	EC50: >500mg/L (72h,	LC50: =2400mg/L (96h,	-	EC50: >500mg/L (48h,

ether	Desmodesmus subspicatus)	Pimephales promelas)		Daphnia magna)
2-Pyrrolidone	EC50: =250mg/L (72h, Desmodesmus subspicatus) EC50: =84mg/L (96h, Desmodesmus subspicatus)	LC50: 4600 - 10000mg/L (96h, Brachydanio rerio)	-	-
Glycerin	-	LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)	-	-

12.2. Persistence and degradability

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential**Bioaccumulation****Component Information**

Chemical name	Partition coefficient
Polyhydric alcohol	0.03
Triethylene glycol, monobutyl ether	0.51
Magenta pigment	2.2
2-Pyrrolidone	-0.71
Glycerin	-1.75
1,2-Benzisothiazolin-3-one	0.99
2-methyl-2H-isothiazol-3-one	-0.26

12.4. Mobility in soil

Mobility in soil The product is insoluble and floats on water.

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 above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Polyhydric alcohol	Not PBT/vPvB
Triethylene glycol, monobutyl ether	Not PBT/vPvB
Magenta pigment	Not PBT/vPvB
2-Pyrrolidone	Not PBT/vPvB
Glycerin	Not PBT/vPvB
1,2-Benzisothiazolin-3-one	Not PBT/vPvB
2-methyl-2H-isothiazol-3-one	Not PBT/vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Dispose of contents/containers in accordance with local regulations.
Other information	Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

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

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Chemical name	The Biocidal Products Regulations 2001 (as amended)
1,2-Benzisothiazolin-3-one	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slicicides Product-type 13: Working or cutting fluid preservatives
2-methyl-2H-isothiazol-3-one	Product-type 6: Preservatives for products during storage Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slicicides Product-type 13: Working or cutting fluid preservatives

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

Not applicable

Poisons and Explosive Precursors

Not applicable

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
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
NZIoC	Contact supplier for inventory compliance status
TCSI	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 Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

Chemical Safety Report A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

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

H301 - Toxic if swallowed
 H302 - Harmful if swallowed
 H311 - Toxic in contact with skin
 H314 - Causes severe skin burns and eye damage
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H318 - Causes serious eye damage
 H330 - Fatal if inhaled
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects
 EUH071 - Corrosive to the respiratory tract

Legend

SVHC: Substances of Very High Concern for Authorisation:
 PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
 vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
 STOT: Specific Target Organ Toxicity
 ATE: Acute Toxicity Estimate
 LC50: 50% Lethal Concentration
 LD50: 50% Lethal Dose

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	On basis of test data
Acute dermal toxicity	On basis of test data
Acute inhalation toxicity - gas	On basis of test data
Acute inhalation toxicity - vapour	On basis of test data
Acute inhalation toxicity - dust/mist	On basis of test data
Skin corrosion/irritation	On basis of test data
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitisation	On basis of test data
Skin sensitisation	On basis of test data
Mutagenicity	Calculation method
Carcinogenicity	On basis of test data
Reproductive toxicity	On basis of test data
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method

Chronic aquatic toxicity
Aspiration hazard
Ozone

Calculation method
Calculation method
Calculation method

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

U.S. 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)
U.S. 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 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)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

Revision date 01-May-2026

Revision Note Part number 008R08168 added. SDS sections updated. 9.

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
2024 Q3

United Kingdom

Partial process, including GHS Wizard, NO TW

Full text of H-Statements referred to under section 3 H301 - Toxic if swallowed H302 - Harmful if swallowed H311 - Toxic in contact with skin H314 - Causes severe skin burns and eye damage H315 - Causes skin irritation H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H330 - Fatal if inhaled H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects EUH071 - Corrosive to the respiratory tract

Chemical name	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)
Triethylene glycol, monobutyl ether	Eye Dam. 1 (H318)	Eye Dam. 1 :: C>=30% Eye Irrit. 2 :: 20%<=C<30%
2-Pyrrolidone	Eye Irrit 2 (C ≥ 10 %) (H319) Repro Tox 1B (C ≥ 3 %) (H360)	
1,2-Benzisothiazolin-3-one	Acute Tox. 2/inhal.(ATE = 0.21 mg/L, dusts or mists) (H330) Acute Tox. 4/oral (ATE = 450 mg/kg bw) (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (C ≥ 0.036 %) (H317) Aquatic Acute 1 (M = 1) (H400) Aquatic Chronic 1 (M = 1) (H410)	Skin Sens. 1 :: C>=0.05%
2-methyl-2H-isothiazol-3-one	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	Skin Sens. 1A :: C>=0.0015%

Serious eye damage/eye irritation
Eye irritation

Category 2
Category 2