

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

SDS # : F-60041

HF Aqueous Ink - yellow

Issuing Date 10-02-2018

Revision date 08-11-2026

Revision Number 2

European Version Only**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product Name HF Aqueous Ink for Xerox® Baltoro™ HF InkJet Press
Part no. 008R13259
Other means of identification

Pure substance/mixture Mixture**Colour** yellow**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended use** Ink jet printing For professional use only**Uses advised against** No information available**1.3. Details of the supplier of the safety data sheet****Supplier**

Xerox Europe Limited Technology Park Road Louth

For further information, please contact

Contact Point Manager, Environment, Health, Safety & Sustainability**E-mail address** ehs-europe@xerox.com**Non-Emergency Telephone Number** +353 429387410**For the most current document** <https://safetydatasheets.business.xerox.com>**1.4. Emergency telephone number****Emergency Telephone** +44 1235 239670**Emergency Telephone - §45 - (EC)1272/2008****Europe** 112**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
EUH208 Contains 1,2-Benzisothiazolin-3-one May produce an allergic reaction.

2.3. Other hazards

Other hazards Contains biocide(s).

PBT & vPvB The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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

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 Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Water	50-60	7732-18-5	231-791-2	--	--
Propylene glycol	15-35	57-55-6	200-338-0	--	--
1,2-Hexanediol	<10	6920-22-5	230-029-6	Eye Irrit. 2 (H319)	--
Yellow pigment	1-10	Proprietary	Listed	--	--
Methacrylate resin	<2	Proprietary	Not Listed	--	--
Triethanolamine	<1	102-71-6	203-049-8	--	--
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)	--

Note

Full text of H- statements: see section 16

"--" 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

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
Water	89838.9	No data available	No data available	No data available	No data available
Propylene glycol	20000	20800	No data available	No data available	No data available
Triethanolamine	4190	20000	No data available	No data available	No data available
1,2-Benzisothiazolin-3-one	450 + 1020	2000	0.21 +	No data available	No data available

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

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	For external use only. Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water.
Ingestion	IF SWALLOWED: Do NOT induce vomiting.

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

Symptoms	Prolonged contact may cause redness and irritation.
Effects of Exposure	No information available.

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.

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 contact with skin and eyes. Ensure adequate ventilation.

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 container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510) LGK 10.

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	European Union	Austria	Belgium	Bulgaria	Croatia
Propylene glycol	-	-	-	-	TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³
Triethanolamine	-	TWA: 0.8 ppm TWA: 5 mg/m ³ STEL 1.6 ppm STEL 10 mg/m ³ S+	TWA: 5 mg/m ³	-	-
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Triethanolamine	-	TWA: 5 mg/m ³ Sk* Ceiling: 10 mg/m ³	TWA: 0.5 ppm TWA: 3.1 mg/m ³ STEL: 1 ppm STEL: 6.2 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³ S+	TWA: 5 mg/m ³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Triethanolamine	-	TWA: 1 mg/m ³	TWA: 1 mg/m ³ Peak: 1 mg/m ³	-	-
1,2-Benzisothiazolin-3-one	-	-	skin sensitizer	-	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Propylene glycol	TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm	-	-	TWA: 7 mg/m ³	TWA: 7 mg/m ³
Triethanolamine	TWA: 5 mg/m ³ STEL: 15 mg/m ³	-	TWA: 5 mg/m ³	-	TWA: 5 mg/m ³ STEL: 10 mg/m ³ J+
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Propylene glycol	-	-	-	TWA: 25 ppm TWA: 79 mg/m ³ STEL: 37.5 ppm STEL: 118.5 mg/m ³	TWA: 100 mg/m ³
Triethanolamine	-	-	-	TWA: 5 mg/m ³ STEL: 10 mg/m ³	-

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Triethanolamine	TWA: 5 mg/m ³	-	-	-	TWA: 5 mg/m ³
Chemical name	Sweden		Switzerland		United Kingdom
Propylene glycol	-		-		TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³
Triethanolamine	NGV: 5 mg/m ³ NGV: 0.8 ppm Vägledande KGV: 10 mg/m ³ Vägledande KGV: 1.6 ppm Sk*		TWA: 5 mg/m ³ STEL: 5 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
1,2-Hexanediol	-	17.5 mg/kg bw/day [4] [6]	123 mg/m ³ [4] [6]
Triethanolamine	-	7.5 mg/kg bw/day [4] [6] 140 µg/cm ² [5] [6]	1 mg/m ³ [5] [6]
1,2-Benzisothiazolin-3-one	-	0.966 mg/kg bw/day [4] [6]	6.81 mg/m ³ [4] [6]

Notes

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

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
1,2-Hexanediol	8.8 mg/kg bw/day [4] [6]	-	30 mg/m ³ [4] [6]
Triethanolamine	3.3 mg/kg bw/day [4] [6]	70 µg/cm ² [5] [6]	0.4 mg/m ³ [5] [6]
1,2-Benzisothiazolin-3-one	-	-	1.2 mg/m ³ [4] [6]

Notes

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

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Propylene glycol	260 mg/L	183 mg/L	26 mg/L	-	-
Triethanolamine	0.32 mg/L	5.12 mg/L	0.032 mg/L	-	-
1,2-Benzisothiazolin-3-one	4.03 µg/L	1.1 µg/L	0.403 µg/L	110 ng/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Propylene glycol	572 mg/kg sediment dw	57.2 mg/kg sediment dw	20000 mg/L	50 mg/kg soil dw	-
Triethanolamine	1.7 mg/kg sediment dw	0.17 mg/kg sediment dw	10 mg/L	0.151 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	-

8.2. Exposure controls

Engineering controls None under normal use conditions.

Personal protective equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection Protective gloves.

Skin and body protection No special protective equipment required.

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
Appearance	Opaque
Colour	yellow
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	None known
Autoignition temperature	Not applicable	None known

Decomposition temperature	Not applicable	None known
pH	7 - 9.5	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	Not applicable	None known
Dynamic viscosity	Not applicable	None known
Water solubility	Dispersible	None known
Solubility(ies)	No data available	None known
Partition coefficient	Not applicable	None known
Vapour pressure	Not applicable	None known
Relative density		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	

9.2. Other information

Softening point	Not applicable
VOC content	None

9.2.1. Information with regards to physical hazard classes

Explosive properties	Not applicable
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9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	No dangerous reaction known under conditions of normal use.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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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.
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Hazardous polymerisation	Hazardous polymerisation does not occur.
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10.4. Conditions to avoid

Conditions to avoid	Extremes of temperature and direct sunlight.
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10.5. Incompatible materials

Incompatible materials	None known based on information supplied.
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10.6. Hazardous decomposition products

Hazardous decomposition products Undefined, but may include toxic oxides of carbon and nitrogen.

SECTION 11: Toxicological information

Note: The toxicity data noted below is based on the test results of similar reprographic materials.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Information on likely routes of exposure

Inhalation No known effects under normal use conditions.

Eye contact May cause irritation.

Skin contact May cause irritation.

Ingestion Not an expected route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

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

Acute toxicity Based on available data, the classification criteria are not met.

Numerical measures of toxicity

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

ATEmix (oral) 55,208.70 mg/kg
 ATEmix (dermal) 63,519.70 mg/kg
 ATEmix (inhalation-gas) 99,999.00 ppm
 ATEmix (inhalation-vapour) 99,999.00 mg/L
 ATEmix (inhalation-dust/mist) 99,999.00 mg/L

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
Propylene glycol	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Triethanolamine	= 4190 mg/kg (Rat)	20 mL/kg (Rabbit) 16 mL/kg (Rat)	-
1,2-Benzisothiazolin-3-one	= 1020 mg/kg (Rat)	> 2000 mg/kg (Rat)	-

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/eye irritation Irritating to eyes.

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

Germ cell mutagenicity Not mutagenic in AMES Test.

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

Reproductive toxicity This product does not contain any known or suspected reproductive hazards.

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.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This mixture does not contain any substance that has endocrine disrupting properties with respect to humans.

11.2.2. Other information

Neurological effects No information available.

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.

Chronic Aquatic Toxicity On available data, substance is not harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene glycol	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas) LC50: =710mg/L (96h, Pimephales promelas)	-	EC50: >1000mg/L (48h, Daphnia magna)
Triethanolamine	EC50: =216mg/L (72h, Desmodesmus subspicatus) EC50: =169mg/L (96h, Desmodesmus subspicatus)	LC50: 10600 - 13000mg/L (96h, Pimephales promelas) LC50: >1000mg/L (96h, Pimephales promelas) LC50: 450 - 1000mg/L (96h, Lepomis macrochirus)	-	-

12.2. Persistence and degradability

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation

Chemical name	Partition coefficient
Propylene glycol	-1.07
1,2-Hexanediol	0.58
Triethanolamine	-2.53
1,2-Benzisothiazolin-3-one	0.99

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.

Chemical name	PBT and vPvB assessment
Propylene glycol	Not PBT/vPvB
1,2-Hexanediol	Not PBT/vPvB
Yellow pigment	Not PBT/vPvB
Triethanolamine	Not PBT/vPvB
1,2-Benzisothiazolin-3-one	Not PBT/vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties This mixture does not contain any substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties The product does not contain any substance(s) classified as PMT or vPvM.

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

Waste from residues/unused products Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging Dispose of contents/containers in accordance with local regulations.

Waste codes / waste designations according to EWC 08 03 13.

Other information Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.
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 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

ADN

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 hazard 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****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Propylene glycol	RG 84
Triethanolamine	RG 49
1,2-Benzisothiazolin-3-one	RG 65, RG 66

Switzerland

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable

Storage of Hazardous Material
WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20

SC Non-hazardous material
Class B

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 does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Toners and inks are subject to the derogations referred to in Paragraphs 4a and/or 5 (a/b/c) of the Regulation.

Persistent Organic Pollutants

Not applicable

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

Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
1,2-Benzisothiazolin-3-one	Product-type 2: Disinfectants and algacides 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: Slimicides Product-type 13: Working or cutting fluid preservatives

International Inventories

TSCA	Complies
DSL/NDL	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/NDL - 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

AIIIC - 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

H302 - Harmful if swallowed

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H330 - Fatal if inhaled

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:

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)

Ceiling Maximum limit value

+ Sensitisers

STEL

Sk*

STEL (Short Term Exposure Limit)

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
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
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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 08-11-2026

Revision Note SDS sections updated, 2

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

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End of Safety Data Sheet