

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

Supersedes date 19-Jul-2020

Revision date 12-Nov-2025

Revision Number 8

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

1.1. Product identifier

Product Code(s) 10450
Safety data sheet number 10450
Product Name DOWCLENE 3670 COLD CLEANER AIII
Synonyms DOWCLENE 3670 COLD CLEANER
Pure substance/mixture Mixture
Contains HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS

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

Recommended use Industrial Solvent
Uses advised against Use only for intended applications

1.3. Details of the supplier of the safety data sheet

Supplier

Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com
Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Aspiration hazard	Category 1 - (H304)
Chronic aquatic toxicity	Category 4 - (H413)

2.2. Label elements

Contains HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS

**Signal word**

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H413 - May cause long lasting harmful effects to aquatic life

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary statements

P273 - Avoid release to the environment

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P405 - Store locked up

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

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, C11-C12, ISOALKANES, < 2% AROMATICS	< 100%	918-167-1	-	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Aquatic Chronic 4 (H413) (EUH066)	-	-	-
(2-METHOXYMETHYLETHOXY)PROPANOL 34590-94-8	<= 10 - < 25%	252-104-2	-	Not classified	-	-	-

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**

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing is difficult, (trained personnel should) give oxygen. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If breathing has stopped, give artificial respiration. Get medical attention immediately.
Eye contact	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. Get medical attention if symptoms occur.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if symptoms occur.
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required.

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

Eyes	May cause temporary eye irritation.
Dermal	Repeated exposure may cause skin dryness or cracking.
Ingestion	May be fatal if swallowed and enters airways Risk of chemical pneumonia after aspiration.

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

Note to doctors	Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances. Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media	Dry chemical, CO2, alcohol-resistant foam or water spray.
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	Closed containers can burst violently when heated, due to excess pressure build-up. Exposure to combustion products may be a hazard to health.
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Hazardous combustion products Thermal decomposition may release: Carbon monoxide. Carbon dioxide (CO₂). Aldehydes. Ketones. Organic Acids.

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. Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out. Collect contaminated fire extinguishing water separately. Do not allow it to enter drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken involving any personal risk or without suitable training. Ensure adequate ventilation. Avoid contact with skin, eyes and inhalation of vapours. Use personal protection recommended in Section 8. Do not touch or walk through spilled material. Keep unnecessary and unprotected personnel from entering. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

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 May cause long lasting harmful effects to aquatic life. Do not allow runoff to sewer, waterway or ground. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Use non sparking handtools and explosion-proof electric equipment. The spill may be covered with alcohol resistant foam to reduce evaporation.

Methods for cleaning up Clean contaminated objects and areas thoroughly observing environmental regulations.

Prevention of secondary hazards Observe good chemical hygiene practices.

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 Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Keep away from heat, sparks and open flame. Take precautionary measures against static discharge. Ground and bond container and receiving equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash hands before breaks and immediately after handling the

product. Take off all contaminated clothing and wash it before reuse. Keep away from food, drink and animal feedingstuffs.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep containers upright. Keep away from open flames, hot surfaces and sources of ignition. Protect from direct sunlight. Store away from incompatible materials. Strong acids. Strong bases. Strong oxidising agents.

7.3. Specific end use(s)

Specific use(s)

See section 1 for more information.

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
(2-METHOXYMETHYLETHOXY)PROPANOL 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 924 mg/m ³ 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

Chemical name	Oral	Dermal	Inhalation
(2-METHOXYMETHYLETHOXY)PROPANOL 34590-94-8		65 mg/kg [4] [6]	310 mg/m ³ [4] [6]

[4] Systemic health effects.

[6] Long term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
(2-METHOXYMETHYLETHOXY)PROPANOL 34590-94-8	1.67 mg/kg bw/day [4] [6]	15 mg/kg [4] [6]	37.2 mg/m ³ [4] [6]

[4] Systemic health effects.

[6] Long term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
(2-METHOXYMETHYLET HOXY)PROPANOL 34590-94-8	19 mg/L	190 mg/L	1.9 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
(2-METHOXYMETHYLET HOXY)PROPANOL 34590-94-8	70.2 mg/kg sediment dw	7.02 mg/kg sediment dw	4168 mg/L	2.74 mg/kg soil dw	

8.2. Exposure controls**Engineering controls**

Ensure adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location. Use engineering controls to keep exposures below the OEL or DNEL.

Personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles). According to EN 16321-1.

Hand protection

Chemical resistant gloves required for prolonged or repeated contact. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Examples of acceptable glove barrier materials include: Chlorinated polyethylene (CPE). Neoprene gloves. Nitrile rubber. Viton™. Polyethylene (PE). Ethyl vinyl alcohol laminate ("EVAL").

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
Short term	Chlorinated polyethylene (CPE) Neoprene gloves Nitrile rubber Viton™ Polyethylene (PE) Ethyl vinyl alcohol laminate ("EVAL")	> 0.35 mm	> 10 minutes
Long term (repeated)	Chlorinated polyethylene (CPE) Neoprene gloves Nitrile rubber Viton™ Polyethylene (PE) Ethyl vinyl alcohol laminate ("EVAL")	> 0.35 mm	> 240 minutes

Skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact. Chemical-resistant protective suit.

Respiratory protection**Recommended filter type:**

In case of inadequate ventilation wear respiratory protection.
Type A.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash hands before breaks and immediately after handling the product. Take off all contaminated clothing and wash it before reuse. Keep away from food, drink and animal feedingsuffs.

Environmental exposure controls Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Colourless
Odour	Characteristic.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point	<= 0 °C	No information available.
Initial boiling point and boiling range	175 - 200 °C	
Flammability		No information available.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point	61 °C	(ASTM D93).
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH		Substance/mixture is non-polar/aprotic.
pH (as aqueous solution)		No information available.
Kinematic viscosity	1.2 mm ² /s	@ 20 °C.
Dynamic viscosity	1.6 mPa s	@ 25 °C.
Water solubility	slightly soluble	
	<= 10 %	
Solubility(ies)		No information available.
Partition coefficient		No information available.
Vapour pressure	<=1 hPa	@ 20 °C.
Relative density	0.76	@ 20 °C.
Bulk density		No information available
Liquid Density	0.766 g/cm ³	@ 25 °C
Relative vapour density	1	
Particle characteristics		Not applicable.
Particle Size	.	
Particle Size Distribution	.	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information

VOC content	100%
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No information available.
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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 Product may decompose at elevated temperatures. Do not distill to dryness. Keep away from heat. Protect from direct sunlight.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition may release: Carbon monoxide. Carbon dioxide (CO₂). Aldehydes. Ketones. Organic Acids.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

Inhalation Inhalation of vapours in high concentration may cause irritation of respiratory system.

Eye contact May cause temporary eye irritation.

Skin contact Repeated exposure may cause skin dryness or cracking.

Ingestion May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia. Risk of lung oedema.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause temporary eye irritation. Repeated exposure may cause skin dryness or cracking.

Acute toxicity**Numerical measures of toxicity**

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

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
HYDROCARBONS, C11-C12, ISOALKANES, < 2%	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

AROMATICS (2-METHOXYMETHYLETHOXY) PROPANOL	> 5000 mg/kg (Rat)	= 9510 mg/kg (Rabbit)	= 3350 mg/m ³ (Rat) 7h
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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.

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			non-irritant

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant Prolonged exposure not likely to cause significant skin irritation.

Serious eye damage/eye irritation

Based on available data the classification criteria are not met.

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			non-irritant

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal	Non-sensitizing.

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Exposure route	Results
	Human evidence	Dermal	Not a skin sensitizer

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Component Information

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Results
		Based on available data the classification criteria are not met.

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Results
	in vitro	Negative Not mutagenic

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

Component Information

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Results
		Based on available data the classification criteria are not met.

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Results
		Did not cause cancer in laboratory animals.

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

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Results
		Based on available data the classification criteria are not met.

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.

Component Information

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Oral			Not classified NOAEL : 1000 mg/kg bw/d
		Inhalation			Not classified NOAEC : 10400 mg/m ³

Aspiration hazard May be fatal if swallowed and enters airways.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity May cause long lasting harmful effects to aquatic life.

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
Acute toxicity	Oncorhynchus mykiss (rainbow trout)	LC50	> 1000 mg/L	96 hours	Read-across

Acute toxicity	Daphnia magna	EC50	> 100 mg/L	48 hours	Read-across
OECD Test No. 211: Daphnia magna Reproduction Test	Daphnia magna	NOEC	0.011 mg/L	21 days	
Acute toxicity	Pseudokirchneriella subcapitata	EL50	> 1000 mg/L	72 hours	Read-across
Chronic toxicity	Pseudokirchneriella subcapitata	NOELR	1000 mg/L	72 hours	Read-across

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Poecilia reticulata	LC50	> 1000 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test or Equivalent.	Crangon crangon	LC50	> 1000 mg/L	96 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent.	Pseudokirchneriella subcapitata	ErC50	> 969 mg/L	96 hours	
Chronic toxicity	Daphnia magna	NOEC	> 0.5 mg/L	22 days	
	Algae/aquatic plants	NOEC	250000 mg/L		

12.2. Persistence and degradability

Persistence and degradability The product contains substances which are biodegradable.

HYDROCARBONS, C11-C12, ISOALKANES, < 2% AROMATICS (-)

Method	Exposure time	Value	Results
	28 days	< 60% Biodegradation	Inherently Biodegradable Read-across

(2-METHOXYMETHYLETHOXY)PROPANOL (34590-94-8)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) or Equivalent.	28 days	75% Biodegradation	Readily biodegradable Read-across
OECD Test No. 302B: Inherent Biodegradability: Zahn-Wellens/ EVPA Test	13 days	93% Biodegradation	Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
(2-METHOXYMETHYLETHOXY)PROPANOL	1.01

12.4. Mobility in soil

Mobility in soil There is no data for this product.

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
(2-METHOXYMETHYLETHOXY)PROPANOL	The substance is 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 Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

Contaminated packaging Do not reuse empty containers. Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or 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 contains one or more substances subject to restriction (UK REACH - Annex XVII).

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

Product restricted per REACH Annex XVII: 3

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
HYDROCARBONS, C11-C12, ISOALKANES, < 2%	3	-
AROMATICS - -	40	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

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 Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories**TSCA**

Contact supplier for inventory compliance status

DSL/NDL

Contact supplier for inventory compliance status

EINECS/ELINCS

Contact supplier for inventory compliance status

ENCS

Contact supplier for inventory compliance status

IECSC

Contact supplier for inventory compliance status

KECI

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

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 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 Chemical Safety Assessment has been carried out for this substance/mixture

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

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H413 - May cause long lasting harmful effects to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

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Skin designation

+ Sensitisers

Revision Note SDS sections updated 1 2 3 4 5 6 7 8 9 10 11 12 13 15 16

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

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)

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)
U.S. 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

Prepared By J Forth
Supersedes date 19-Jul-2020
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This material safety data sheet 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