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

1.1. Product identifier

Product Name BUTANONE

UK REACH registration number 01-1376353405-7-XXXX

 Index No
 606-002-00-3

 EC Number
 201-159-0

CAS No 78-93-3

Synonyms METHYL ETHYL KETONE, MEK, Ethyl methyl ketone, BUTAN-2-ONE, MS-3, METHYL

ETHYL KETONE SHL, METHYL ETHYL KETONE TRBG, METHYL ETHYL KETONE SSL

Pure substance/mixture Substance

Contains BUTANONE

Molecular weight 72

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

Recommended use Industrial use

Solvent

Chemical intermediate Cleaning agent Coatings Lubricant Binding agent

Metal working fluids / rolling oils,

Laboratory chemicals

For further information, see attached Exposure Scenario

1.3. Details of the supplier of the safety data sheet

<u>Supplier</u> Abbeychem Limited T/A Abbey Chemicals

Victory House 245 Southtown Road Great Yarmouth Norfolk

NR31 0JJ

sales@abbeychemicals.co.uk

1.4. Emergency telephone number

Emergency Telephone +44 (0) 1270 502891

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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Flammable liquids	Category 2 - (H225)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity — single exposure	Category 3 - (H336)
Category 3 Narcotic effects	

2.2. Label elements

Contains BUTANONE



Signal word Danger

Hazard statements

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H225 - Highly flammable liquid and vapour

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary statements

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

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

P312 - Call a POISON CENTER or doctor if you feel unwell

P370 + P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

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

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Vapours can form explosive mixtures with air. Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

SECTION 3: Composition/information on ingredients

3.1 Substances

Γ	Chemical name	Weight-%	EC No (EU	UK REACH registration	Classification	Specific	M-Factor	M-Factor
			Index No)	number	according to GB CLP	concentration		(long-term)
					(SI 2020/1567 as	limit (SCL)		
					amended)			
Γ	BUTANONE	>= 90 -	201-159-0	01-1376353405-7-	Flam. Liq. 2 (H225)	-	-	-
1	78-93-3	<= 100 %	(606-002-	XXXX	Eye Irrit. 2 (H319)			
1			00-3)		STOT SE 3 (H336)			
1					(EUH066)			

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Remove to fresh air. IF exposed or concerned: Get medical advice/attention. If breathing is Inhalation

difficult, (trained personnel should) give oxygen.

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep Eye contact

eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present

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and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a doctor.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid

contact with skin, eyes or clothing.

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

Symptoms May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting.

Inhalation Inhalation of high vapour concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

Eyes Burning sensation. May cause redness and tearing of the eyes.

Dermal Repeated exposure may cause skin dryness or cracking.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

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

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Vapours can form explosive mixtures with air. Vapors are heavier than air and may travel a long distance and accumulate in low lying areas.

ucts Carbon oxides.

Hazardous combustion products

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 Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the

product must be grounded. Do not touch or walk through spilled material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage

if safe to do so. Prevent product from entering drains.

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6.3. Methods and material for containment and cleaning up

Methods for containmentStop leak if you can do it without risk. Do not touch or walk through spilled material. A

vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand

or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean co

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 Use personal protection equipment. Avoid breathing vapours or mists. Keep away from

heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory

equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Ensure that eyewash stations and safety showers are close to the workstation

location.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Protect from direct sunlight.

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
BUTANONE	TWA: 200 ppm
78-93-3	TWA: 600 mg/m ³
	STEL: 300 ppm
	STEL: 899 mg/m ³
	Sk*
	STEL: 900 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.

Chemical name	United Kingdom		
BUTANONE	70 μmol/L - urine (Butan-2-one) - post shift		
78-93-3			

Derived No Effect Level (DNEL) - Workers

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Chemical name	Oral	Dermal	Inhalation
BUTANONE		1161 mg/kg [4] [6]	600 mg/m ³ [4] [6]
78-93-3			

[4] Systemic health effects.

[6] Long term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
BUTANONE 78-93-3	31 mg/kg [4] [6]	412 mg/kg [4] [6]	106 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
BUTANONE 78-93-3	55.8 mg/l	55.8 mg/l	55.8 mg/l		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
BUTANONE	284.7 mg/kg	284.7 mg/kg	709 mg/l	22.5 mg/kg	
78-93-3					

8.2. Exposure controls

Engineering controls Apply technical measures to comply with the occupational exposure limits. Ensure

adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety

showers are close to the workstation location.

Personal protective equipment

Eye/face protection Tight sealing safety goggles. Use eye protection according to EN 166.

Hand protection Wear suitable gloves. Impervious gloves. Ensure that the breakthrough time of the glove

material is not exceeded. Refer to glove supplier for information on breakthrough time for

specific gloves. Gloves must conform to standard EN 374.

Gloves						
Duration of contact PPE - Glove material Glove thickness Break through time						
	Butyl rubber	0,5 mm	>=60 minutes			

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant

apron. Antistatic boots.

Respiratory protection When workers are facing concentrations above the exposure limit they must use

appropriate certified respirators. Gas filter, type A.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is

recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Ensure that eyewash stations and safety showers are close to the workstation

location.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquidAppearanceLiquidColourColourlessOdourCharacteristic.

Odour threshold No information available

PropertyValuesRemarks • MethodMelting point / freezing point-86 °CNo information available.Initial boiling point and boiling79 - 80 °CNo information available.

range

Flammability No information available. Flammability Limit in Air No information available.

Upper flammability or explosive 11.5 %(V)

limits

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Lower flammability or explosive 1.5 %(V)

limits

pН

Flash point -6 - -9 °C No information available.

Autoignition temperature > 400 °C No information available.

Decomposition temperature No information available.

H No information available.
pH (as aqueous solution) No information available.
inematic viscosity No information available.

No information available.

Kinematic viscosityNo information available.Dynamic viscosity0.4 cSt @ 20°CNo information available.Water solubilitySoluble in waterNo information available.

270 g/l @ 20 °C

Solubility(ies) No information available. log Pow: 0.3 Partition coefficient No information available. 126 hPa @ 25°C No information available. Vapour pressure Relative density 0.804 - 0.806 @ 20°C No information available. **Bulk density** 804 - 806 kg/m³ No information available **Liquid Density** No information available No information available Relative vapour density >1 No information available.

Particle SizeNo information availableParticle Size DistributionNo information availableExplosive propertiesNot considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising

9.2. Other information

Particle characteristics

Molecular weight 72 Evaporation rate 3.3 (diethyl ether=1)

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Highly flammable liquid and vapour. Vapours can form explosive mixtures with air, May form

explosive peroxides.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. static discharge (electrostatic discharge). Protect from direct

sunlight.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. May cause drowsiness or dizziness.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause

irritation. Prolonged contact may cause redness and irritation.

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Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may

cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
BUTANONE	2657 - 5554 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	= 34.5 mg/l (Rat) 4h

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

Skin corrosion/irritation

May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

BUTANONE (78-93-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Brief contact is
					essentially non-
					irritating to skin.

Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes serious eye irritation.

BUTANONE (78-93-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye
					irritation

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

BUTANONE (78-93-3)

Method	Species	Exposure route	Results
OECD 406	Guinea pig	Dermal	Not a skin sensitiser

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Component Information BUTANONE (78-93-3)

Method	Species	Results
	in vitro	Not mutagenic

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

BUTANONE (78-93-3)

20 17 11 10 11 2 (1 0 0 0 0)		
Method	Species	Results
		This product does not contain any known
		or suspected reproductive hazards

STOT - single exposure

May cause drowsiness or dizziness.

BUTANONE (78-93-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			May cause
					drowsiness or
					dizziness Central
					nervous system

STOT - repeated exposure

Based on available data the classification criteria are not met.

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Aspiration hazard Based on available data the classification criteria are not met.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The product components are not classified as environmentally hazardous. However, this

does not exclude the possibility that large or frequent spills can have a harmful or damaging

effect on the environment.

BUTANONE (78-93-3)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203:	Pimepha l es	LC50	2993 mg/L	96 hours	
Fish, Acute Toxicity	promelas				
Test					
OECD Test No. 202:	Daphnia magna	EC50	308 mg/L	48 hours	
Daphnia sp., Acute					
Immobilisation Test					
OECD Test No. 201:	Pseudokirchneriella	ErC50	2029 mg/L	96 hours	
Freshwater Algae	subcapitata				
and Cyanobacteria,					
Growth Inhibition					
Test					

12.2. Persistence and degradability

Persistence and degradability F

Readily biodegradable.

BUTANONE (78-93-3)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready	28 days	98%	Readily biodegradable
Biodegradability: Closed Bottle			
Test (TG 301 D) or Equivalent.			

12.3. Bioaccumulative potential

Bioaccumulation

Not likely to bioaccumulate.

Component Information

Component Information		
	Chemical name	Partition coefficient
	BUTANONE	0.29

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.

Chemical name	PBT and vPvB assessment
BUTANONE	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 Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers

SECTION 14: Transport information

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14.1 UN number or ID number UN1193

14.2 UN proper shipping name ETHYL METHYL KETONE

14.3 Transport hazard class(es) 14.4 Packing group П 14.5 Environmental hazards No

14.6 Special precautions for user

Special Provisions None **ERG Code** 3L

IMDG

14.1 UN number or ID number UN1193

UN proper shipping name ETHYL METHYL KETONE

14.3 Transport hazard class(es) 3 14.4 Packing group Ш 14.5 Environmental hazards No 14.6 Special precautions for user

Special Provisions None

EmS-No F-E, S-D 14.7 Maritime transport in bulk

according to IMO instruments

No information available

RID

14.1 UN number or ID number **UN1193**

14.2 UN proper shipping name ETHYL METHYL KETONE

14.3 Transport hazard class(es) 14.4 Packing group Ш 14.5 Environmental hazards No 14.6 Special precautions for user

Special Provisions None Classification code

ADR

14.1 UN number or ID number UN1193

14.2 UN proper shipping name ETHYL METHYL KETONE

14.3 Transport hazard class(es) 14.4 Packing group П 14.5 Environmental hazards Nο

14.6 Special precautions for user

Special Provisions None Classification code F1 **Tunnel restriction code** (D/E)

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

Dangerous substance category per COMAH Regulations 2015 (as amended)

P5c - FLAMMABLE LIQUIDS

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

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Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status **DSL/NDSL** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **EINECS/ELINCS** Contact supplier for inventory compliance status **ENCS IECSC** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **KECI** Contact supplier for inventory compliance status **PICCS** 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/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report A Chemical Safety Assessment has been carried out 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

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

STEL (Short Term Exposure Limit) **TWA** TWA (time-weighted average) STEL

Ceiling Maximum limit value Skin designation

Sensitisers

Revision Note SDS sections updated 1 9 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)

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

Supercedes date 30-Mar-2023

07-Apr-2025 **Revision date**

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