

Safety Data Sheet

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

Last Revision Date 21-Oct-2024 Version: 5

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

1.1. Product identifier

Product Name Osmoform Pre-mix 18-9-13+2MgO+TE 40090220EB

Unique Formula Identifier (UFI)

Safety data sheet number

Not required
40090220EB

REACH registration number
Pure substance/mixture

Not applicable
Mixture

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

Recommended Use Fertilizer (PC12). Restricted to professional users.

Uses Advised Against Consumer use (SU21)

Reason why uses advised against Use advised against in Chemical Safety Assessment per REACH Annex I point 7 2.3

1.3. Details of the supplier of the safety data sheet

Everris International B.V.Nijverheidsweg 1-5; 6422 PD Heerlen (NL); Tel: +31 (0)45-5609100; Fax: +31 (0)45-5609190

For further information, please contact: INFO-RA@ICL-GROUP.COM

Non-Emergency Telephone Number +31 (0) 418655700

1.4. Emergency telephone number

IN CASE OF AN EMERGENCY CALL: +44 1235 239 670 (24/7)

Europe	112
Austria	+43 1 406 43 43
Belgium	+32 (0) 70 245 245
Denmark	+45 8212 1212
Finland	0800 147 111
France	+33 (0)1 45 42 59
Ireland	01 809 2566
Netherlands	088 755 8000 (24/7)
Norway	+47 22 59 13 00
Poland	+48 42 2538 400
Portugal	+351 800 250 250
Spain	+34 91 562 04 20
Sweden	112
Switzerland	Tox Info SW 145 (24h)
United Kingdom	111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation	Category 1 - (H318)

2.2. Label elements



Contains Potassium sulphate; K2SO4

Signal word Danger

Hazard statements

H318 - Causes serious eye damage

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

P280 - Wear eye protection/ face protection

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

P310 - Immediately call a POISON CENTER or doctor/physician

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No (EU Index No)	Weight-%	Regulation (EC) No. 1272/2008	Specific concentration limit (SCL)	REACH registration number	M-Factor	M-Factor (long-term)
Potassium sulphate;	231-915-5	25 - 40%	[CLP] Eye dam. 1	-	01-2119489441-	-	-
K ₂ SO ₄ (7778-80-5)			(H318)		34		
Manganese sulphate; MnSO ₄ (7785-87-7)	232-089-9	0.3 - 1%	STOT RE 2 (H373) Aquatic Chronic 2 (H411) Eye dam. 1 (H318)		01-2119456624- 35	-	-
Boric acid; H ₃ BO ₃ (10043-35-3)	233-139-2 (005-007-00-2)	0.1 - 0.3%	Repr. 1B (H360FD)	-	01-2119486683- 25	-	-

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret

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

Acute Toxicity Estimate

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

Chemical name	Oral LD50 mg/kg Dermal LD50 mg/kg		Inhalation LC50 - 4 hour
			- dust/mist - mg/L
Potassium sulphate; K ₂ SO ₄	6600	2000	No data available
Manganese sulphate; MnSO ₄	782	No data available	No data available
Boric acid; H ₃ BO ₃	2660	2000	2.12

Chemical name	CAS No.	SVHC candidates
Boric acid; H ₃ BO ₃	10043-35-3	X

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use

or safety data sheet if possible). First aid measures should be executed by trained

personnel only.

Inhalation In the case of inhalation of aerosol/mist consult a physician if necessary. If not breathing,

give artificial respiration. If symptoms persist, call a physician. Dusty conditions are unlikely if product is used as intended. However, if prolonged inhalation of dust occurs, remove

casualty to fresh air.

Eye contactRinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contactWash skin with soap and water. In the case of skin irritation or allergic reactions see a

physician.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth

to an unconscious person. Do not induce vomiting without medical advice.

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

Symptoms None known.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

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

Unsuitable extinguishing mediaDo not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection.

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

basements or confined areas.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information. Do not flush into surface water or

sanitary sewer system.

6.3. Methods and material for containment and cleaning up

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

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal. Use up product

completely. Packaging material is industrial waste.

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 Ensure adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid

contact with eyes. Avoid generation of dust. In case of insufficient ventilation, wear suitable

respiratory equipment.

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

food, drink and animal feeding stuffs. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions KEEP OUT OF REACH OF CHILDREN AND PETS. Keep container tightly closed in a dry

and well-ventilated place. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used packaging should be closed well. Keep away from frost.

Packaging materials Keep in original container, tightly closed in a safe place.

7.3. Specific end use(s)

Specific use(s) Fertilizer.

Exposure scenario Mixture. Not required.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other Information

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Potassium sulphate; K ₂ SO ₄	-	-	-	TWA: 10.0 mg/m ³	-
Manganese sulphate;	-	TWA: 0.2 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.2 mg/m ³
MnSO ₄		STEL 1.6 mg/m ³		-	TWA: 0.05 mg/m ³
Boric acid; H₃BO₃	-	-	TWA: 2 mg/m ³	TWA: 5.0 mg/m ³	-
			STEL: 6 mg/m ³		
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Manganese sulphate;	TWA: 0.2 mg/m ³	TWA: 1 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.02 mg/m ³
MnSO ₄	TWA: 0.05 mg/m ³	Ceiling: 2 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.2 mg/m ³
			STEL: 0.4 mg/m ³		
			STEL: 0.1 mg/m ³	-	
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Manganese sulphate;	-	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³
MnSO ₄		TWA: 0.02 mg/m ³	TWA: 0.02 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³
			Peak: 1.6 mg/m ³		
5 : :::::::::::::::::::::::::::::::::::		T14/4 0 5 / 0	Peak: 0.16 mg/m ³		
Boric acid; H ₃ BO ₃	-	TWA: 0.5 mg/m ³	TWA: 10 mg/m ³	-	-
01 : 1	II I MDI DO	1	Peak: 10 mg/m ³		N. d. I. I.
Chemical name	Italy MDLPS	Latvia	Lithuania	Luxembourg	Netherlands
Potassium sulphate; K ₂ SO ₄	- - / 0	TWA: 10 mg/m ³	TWA: 10 mg/m ³	- -	- -
Manganese sulphate;	TWA: 0.05 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³
MnSO ₄		TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³
Boric acid; H ₃ BO ₃	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³	-	-
Chemical name	Norway	Poland	Portugal	Romania	Slovakia
Manganese sulphate;	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.05 mg/m ³
MnSO ₄	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.2 mg/m ³
	STEL: 0.6 ppm				
Davis asidu II DO	STEL: 0.15 mg/m ³		T\\\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Boric acid; H₃BO₃	-	-	TWA: 2 mg/m ³	-	-
Chemical name	Slovenia	Spain	STEL: 6 mg/m ³ Sweden	Switzerland	United Kingdom
	TWA: 0.05 mg/m ³	TWA: 0.2 mg/m ³	NGV: 0.2 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³
Manganese sulphate; MnSO ₄	STEL: 0.4 mg/m ³	TWA: 0.2 mg/m ³	NGV: 0.2 mg/m ³ NGV: 0.05 mg/m ³	TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³
IVII ISO4	STEL. 0.4 mg/m²	I WA. 0.05 IIIg/III	INGV. 0.05 IIIg/III°	i vvA. u. i ilig/ili	STEL: 0.6 mg/m ³
					STEL: 0.15 mg/m ³
Boric acid; H ₃ BO ₃	TWA: 0.5 mg/m ³	TWA: 2 mg/m ³	-	TWA: 1.8 mg/m ³	
Bone acia, mabos	STEL: 1.0 mg/m ³	STEL: 6 mg/m ³	_	STEL: 1.8 mg/m ³	-
	OTEL. 1.0 mg/m	OTEL. OTHIGHT		CILL. 1.0 mg/m	

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	European Union	Austria	Bulgaria	Croatia	Czech Republic
Manganese sulphate;	-	Check	-	-	-
MnSO ₄		20 μg/L (blood -			
		whole blood not			
		provided)			
		(-)			

Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
Manganese sulphate;	-	-	-	15 μg/L - BAR (no	-
MnSO ₄				restriction in steady	
				state) blood	

Derived No Effect Level (DNEL) No information available.

8.2. Exposure controls

Personal protective equipment Wear normal, light working clothing

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

Hand protection Nitrile rubber (0.26 mm). Break through time. > 8 h.

Lightweight protective clothing. Skin and body protection

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

Local authorities should be advised if significant spillages cannot be contained. Prevent **Environmental exposure controls**

product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid Appearance: granulate Fertilizer. Odor:

Property Values Remarks • Method

Melting Point/Freezing Point: None known No data available Boiling Point/Range: No data available None known Flammability (solid, gas): No data available None known

Flammability Limits in Air: None known

Upper Flammability Limit: Not applicable **Lower Flammability Limit:** Not applicable

Flash Point: No data available None known

Autoignition Temperature: No data available None known

Decomposition Temperature: None known No data available None known

pH (as aqueous solution) No data available None known **Kinematic Viscosity:** No data available None known No data available **Dynamic Viscosity:** None known Water solubility No data available None known Solubility(ies) No data available None known **Partition Coefficient:** No data available None known

Vapor Pressure: No data available None known Relative density No data available None known

Bulk density No data available Density: No data available

No data available Vapour density None known

Particle characteristics

No data available Particle Size **Particle Size Distribution** No data available

9.2. Other information Not applicable

9.2.1. Information with regard to physical hazard classes Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive.

10.2. Chemical stability

Stability Stable under normal conditions.

Specific methods:

Sensitivity to mechanical impact Not sensitive. Sensitivity to static discharge Not sensitive.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Incompatible materials Keep away from catalysts like derivates of hexavalent chromium and metal halides. Keep

away from flammable products (fuels) like charcoal, wood, flour, soot etc.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions. None under normal processing. Thermal decomposition

can lead to release of irritating and toxic gases and vapors.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. Inhalation of dust in high

concentration may cause irritation of respiratory system.

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

Skin contact May cause irritation.

Ingestion May cause gastrointestinal discomfort if consumed in large amounts.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Based on available data, the classification criteria are not met

Acute toxicity

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

ATEmix (oral) 25,191.00 mg/kg

0 % of the mixture consists of ingredient(s) of unknown acute toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium sulphate; K ₂ SO ₄	= 6600 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Manganese sulphate; MnSO ₄	= 782 mg/kg (Rat)	-	> 4.45 mg/L (Rat)4 h
Boric acid; H ₃ BO ₃	= 2660 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.12 mg/L (Rat)4 h

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

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

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

Chemical name	European Union
Boric acid; H ₃ BO ₃	Repr. 1B
10043-35-3	·

STOT - single exposure STOT - repeated exposure Aspiration hazard Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met

Endocrine disrupting properties

Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

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

Unknown aquatic toxicity

Contains 43 % of components with unknown hazards to the aquatic environment.

	Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
				microorganisms	
Ī	Potassium sulphate; K2SO4	EC50: =2900mg/L (72h,	LC50: =653mg/L (96h,	-	EC50: =890mg/L (48h,
		Desmodesmus	Lepomis macrochirus)		Daphnia magna)
1		subspicatus)	LC50: =3550mg/L (96h,		-
1			Lepomis macrochirus)		

		LC50: 510 - 880mg/L (96h, Pimephales promelas)		
Boric acid; H ₃ BO ₃	-	-	-	EC50: 115 - 153mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence and Degradability: No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

	Chemical name	Partition coefficient
Ī	Boric acid; H₃BO₃	-1.09

12.4. Mobility in soil

Mobility in soilno data available.Mobilityno data 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
Potassium sulphate; K ₂ SO ₄	The substance is not PBT / vPvB
Manganese sulphate; MnSO ₄	The substance is not PBT / vPvB
Boric acid; H ₃ BO ₃	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

12.7. 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 Do not reuse empty containers.

uncontaminated, collect and reuse as recommended for product.

SECTION 14: Transport information

IMDG

<u>14.1</u>

UN-No: Not regulated

14.2

Proper shipping name: Not regulated

40090220EB --- Osmoform Pre-mix 18-9-13+2MgO+TE

14.3

Transport hazard class(es)

Not regulated

14.4

Packing group: Not regulated

<u>14.5</u>

Marine Pollutant: Not regulated

14.6

Special Provisions None

14.7

Bulk transport according Annex II of MARPOL and IBC Code No data available

ADR

14.1 UN-No: Not regulated

14.2

Proper shipping name: Not regulated

Transport hazard class(es) Not regulated

14.4

Packing group: Not regulated

<u>14.5</u>

Environmental hazards Not regulated

14.6

Special Provisions None

IATA

14.1

UN number or ID number Not regulated

14.2

Proper shipping name: Not regulated

14.3

Transport hazard class(es) Not regulated

<u>14.4</u>

Packing group Not regulated

14.5

Environmental hazards Not regulated

14.6

Special Provisions None

SECTION 15: Regulatory information

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

Denmark France

ICPE Not regulated

Germany

Gefahrstoffverordnung (Germany) TRGS 511 Not regulated

Chemical name	German WGK Section
Potassium sulphate; K ₂ SO ₄	Reg. no. 255, hazard class 1 - slightly hazardous to water
Manganese sulphate; MnSO ₄	Reg. no. 522, hazard class 2 - obviously hazardous to
	water
Boric acid; H ₃ BO ₃	Reg. no. 315, hazard class 1 - slightly hazardous to water

Chemical name	Netherlands - List of	Netherlands - List of	Netherlands - List of
	Carcinogens	Mutagens	Reproductive Toxins
Manganese sulphate; MnSO ₄	-	-	Fertility Category 2
			Development Category 2
Boric acid; H₃BO₃	-	-	Fertility Category 1B
			Development Category 1B

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.

Take note of Directive 94/33/EC on the protection of young people at work

Not to be used by professional users below 18 years of age, see the National Working Environment Authorities Executive Order on young peoples dangerous work.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (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)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Boric acid; H ₃ BO ₃	Use restricted. See entry 30. Use restricted. See entry 75.	-

REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors

Not regulated

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

Not applicable

EU - Plant Protection Products (1107/2009/EC)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
	Product-type 8: Wood preservatives
Boric acid; H ₃ BO ₃	

International Inventories:

TSCA This product complies with USINV This product does not comply with phil:

Australian Inventory of Chemical This product does not comply with AICS

Substances

Legend:

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report Substance(s) usage is covered according to Reach regulation 1907/2006

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

H360FD - May damage fertility. May damage the unborn child

H318 - Causes serious eye damage

H373 - May cause damage to the kidneys/ liver/ eyes/ brain/ digestive system/ central nervous system through prolonged or repeated exposure if swallowed

H411 - Toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorization:
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 Sk* Skin designation

Classification procedure

- · Calculation method
- Expert judgment and weight of evidence determination

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

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Prepared by Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM)

Last Revision Date 21-Oct-2024

Restrictions on use Restricted to professional users.

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

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End of Safety Data Sheet