SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture Sani-Cide EX3 Concentrate (EU only)

Registration number -

Synonyms None.

Part Number ECC-SCIDEX3C/3, (Formula: ELB-SCIDEX3C/3)

Issue date 02-December-2022

Version number 01

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

Identified uses Cleaner, Disinfectant.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name Celeste Industries

Address 400 Thames Valley Park Drive
Reading
Berkshire, RG6 1PT, England

Telephone +44 (0) 1189 637930

Manufacturer

Company name Celeste Industries Corporation

Address 8007 Industrial Park Rd
Easton, Maryland 21601 (USA)

Telephone +1-410-822-5775

Email info@celestecorp.com

In Case of Emergency CHEMTREC (24 hours) within USA and CANADA 1-800-424-9300
Outside USA and Canada (collect call accepted) 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards		
Corrosive to metals	Category 1	H290 - May be corrosive to metals.
Health hazards		
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
Environmental hazards		
Hazardous to the aquatic environment, acute aquatic hazard	Category 1	H400 - Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: 1,3-dibutyl-2-thiourea, Alcohols, C9-11, branched and linear, ethoxylated, bronopol (INN), L-(+)-lactic acid, Linalyl Acetate, N-(n-octyl)-2-pyrrolidone, Octan-1-ol, ethoxylated, Sodium octane-1-sulphonate monohydrate

Hazard pictograms

Signal word Danger

Hazard statements

H290	May be corrosive to metals.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P273	Avoid release to the environment.
P234	Keep only in original packaging.
P261	Avoid breathing mist/vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

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 CENTRE/doctor.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P390	Absorb spillage to prevent material-damage.
P391	Collect spillage.

Storage Not assigned.

Disposal Not assigned.

Supplemental label information 16.2 % of the mixture consists of component(s) of unknown acute dermal toxicity. 20.08 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 24.08 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Alcohols, C9-11, branched and linear, ethoxylated	5 - 10	68439-46-3 -	-	-	
Classification: Acute Tox. 4;H302, Eye Dam. 1;H318, Aquatic Chronic 3;H412					
Sodium octane-1-sulphonate monohydrate	5 - 10	5324-84-5 226-195-4	-	-	
Classification: Skin Corr. 1B;H314, Eye Dam. 1;H318					
1 -phenoxy-2-propanol	1 - 5	770-35-4 212-222-7	-	-	
Classification: Eye Irrit. 2;H319					
2-Hydroxy-1,2,3-propanetricarboxylic acid	1 - 5	77-92-9 201-069-1	-	-	
Classification: Eye Irrit. 2;H319, STOT SE 3;H335					
4-dodecan-3-ylbenzenesulfonic acid	1 - 5	68584-22-5 271-528-9	-	-	
Classification: Eye Irrit. 2;H319					
bronopol (INN)	1 - 5	52-51-7 200-143-0	-	603-085-00-8	
Classification: Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Irrit. 2;H315, Eye Dam. 1;H318, STOT SE 3;H335, Aquatic Acute 1;H400(M=10), Aquatic Chronic 2;H411					
L-(+)-lactic acid	1 - 5	79-33-4 201-196-2	-	607-743-00-5	
Classification: Skin Corr. 1C;H314, Eye Dam. 1;H318					
N-(n-octyl)-2-pyrrolidone	1 - 5	2687-94-7 403-700-8	-	613-098-00-0	
Classification: Skin Corr. 1B;H314, Eye Dam. 1;H318, Aquatic Chronic 2;H411					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Octan-1-ol, ethoxylated	1 - 5	27252-75-1 500-058-1	-	-	
Classification: Skin Corr. 1;H314, Eye Dam. 1;H318					
1,3-dibutyl-2-thiourea	0.1 - 1	109-46-6 203-674-6	-	-	
Classification: Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Sens. 1A;H317, STOT RE 1;H372, Aquatic Chronic 2;H411					
Linalyl Acetate	0.1 - 1	115-95-7 204-116-4	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					

List of abbreviations and symbols that may be used above

M: M-factor

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders Keep unnecessary personnel away. Avoid breathing mist/vapours. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not get this material in contact with eyes. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place out of direct sunlight. Store in corrosive resistant container with a resistant inner liner. Keep container tightly closed. Keep only in the original container. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Cleaner, Disinfectant.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
2-methylpentane-2,4-diol (CAS 107-41-5)	STEL	123 mg/m3
		25 ppm
	TWA	123 mg/m3
		25 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	1250 mg/m3
		500 ppm
	TWA	999 mg/m3
		400 ppm

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

General information

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield. Eye protection should meet standard EN 166.

Skin protection

- Hand protection

Wear appropriate chemical resistant gloves. Wear suitable gloves tested to EN374.

- Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Follow guidance on selection, use, care and maintenance in accordance with EN 529.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
Environmental exposure controls	Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Not available.
Colour	Light yellow.
Odour	Not established.
Odour threshold	Not available.
pH	1.5 - 2
Melting point/freezing point	0 °C (32 °F) estimated
Initial boiling point and boiling range	100 °C (212 °F) estimated
Flash point	Non-flammable.
Evaporation rate	Property has not been measured.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Non-flammable.
Explosive limit – upper (%)	Non-flammable.
Vapour pressure	Property has not been measured.
Vapour density	Property has not been measured.
Relative density	0.9 - 1.1
Solubility(ies)	
Solubility (water)	Soluble.
Partition coefficient (n-octanol/water)	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not applicable.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information

Kinematic viscosity	Property has not been measured.

SECTION 10: Stability and reactivity

10.1. Reactivity	May be corrosive to metals.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible materials.
10.5. Incompatible materials	Strong oxidising agents. Metals.
10.6. Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Eye contact	Causes serious eye damage.
Skin contact	Causes mild skin irritation. May cause an allergic skin reaction.

Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash.

11.1. Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Product	Species	Test Results
Sani-Cide EX3 Concentrate (EU only)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg
Inhalation		
Aerosol		
LC50	Rat	> 2 mg/l, 4 Hours No mortality. No toxicological impacts.
Oral		
ATEmix		2700 mg/kg

Components	Species	Test Results
1 -phenoxy-2-propanol (CAS 770-35-4)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	-	> 5400 mg/m3, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
2-Hydroxy-1,2,3-propanetricarboxylic acid (CAS 77-92-9)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Oral		
LD50	Rat	6700 mg/kg
4-dodecan-3-ylbenzenesulfonic acid (CAS 68584-22-5)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Alcohols, C9-11, branched and linear, ethoxylated (CAS 68439-46-3)		
Acute		
Dermal		
LD50	Rabbit	2000 mg/kg, 24 Hours
Inhalation		
Vapour		
LC50	Rat	> 100 mg/m3, 6 Hours
bronopol (INN) (CAS 52-51-7)		
Acute		
Inhalation		
LC50	-	> 5 mg/l, 6 Hours
Linalyl Acetate (CAS 115-95-7)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	> 9000 mg/kg

Components	Species	Test Results
N-(n-octyl)-2-pyrrolidone (CAS 2687-94-7)		
Acute		
Oral		
LD50	Rat	2.1 g/kg

Skin corrosion/irritation Based on available data, the classification criteria are not met. Prolonged skin contact may cause temporary irritation.

Primary Irritation Index (P.I.I.): 1.7 - 2.0 @ 24, 48 & 72 hours; reversible

Corrosivity

Sani-Cide EX3 Concentrate (EU only)

EPA P326
Result: Mild skin irritation.
Species: Rabbit
Observation Period: 14 days

Serious eye damage/eye irritation Causes serious eye damage.

Corneal opacity ≥1, not fully reversed in 21 days in at least one animal.

Eye

Sani-Cide EX3 Concentrate (EU only)

EPA P324
Result: Irreversible effects on the eye.
Species: Rabbit
Observation Period: 21 days

Respiratory sensitisation Due to partial or complete lack of data the classification is not possible.

Skin sensitisation May cause an allergic skin reaction.

Skin Sensitisation

Sani-Cide EX3 Concentrate (EU only)

EPA P327
Result: Sensitiser.
Species: Mouse

Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible.

Carcinogenicity Due to partial or complete lack of data the classification is not possible.

Reproductive toxicity Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - single exposure Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - repeated exposure Due to partial or complete lack of data the classification is not possible.

Aspiration hazard Not an aspiration hazard. Due to partial or complete lack of data the classification is not possible.

Mixture versus substance information No information available.

SECTION 12: Ecological information

12.1. Toxicity Very toxic to aquatic life. Harmful to aquatic life with long lasting effects. Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Components		Species	Test Results
4-dodecan-3-ylbenzenesulfonic acid (CAS 68584-22-5)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	>= 4.66 - <= 6.83 mg/l, 48 hours
Alcohols, C9-11, branched and linear, ethoxylated (CAS 68439-46-3)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	>= 2.9 - <= 8.5 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	>= 6 - <= 12 mg/l, 96 hours
L-(+)-lactic acid (CAS 79-33-4)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	>= 180 - <= 320 mg/l, 48 hours

12.2. Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

2-Hydroxy-1,2,3-propanetricarboxylic acid	-1.64
Linalyl Acetate	3.93

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

12.6. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number UN1760

14.2. UN proper shipping name CORROSIVE LIQUID, N.O.S. (Sodium octane-1-sulphonate monohydrate, L-(+)-lactic acid)

14.3. Transport hazard class(es)

Class 8

Subsidiary risk -

Label(s) 8

Hazard No. (ADR) 80

Tunnel restriction code E

14.4. Packing group III

14.5. Environmental hazards Yes

14.6. Special precautions for user Not available.

RID

14.1. UN number UN1760

14.2. UN proper shipping name CORROSIVE LIQUID, N.O.S. (Sodium octane-1-sulphonate monohydrate, L-(+)-lactic acid)

14.3. Transport hazard class(es)

Class 8

Subsidiary risk -

Label(s) 8

14.4. Packing group III

14.5. Environmental hazards Yes

14.6. Special precautions for user Not available.

ADN

14.1. UN number UN1760

14.2. UN proper shipping name CORROSIVE LIQUID, N.O.S. (Sodium octane-1-sulphonate monohydrate, L-(+)-lactic acid)

14.3. Transport hazard class(es)

Class 8

Subsidiary risk -

Label(s) 8

14.4. Packing group III

14.5. Environmental hazards Yes

14.6. Special precautions for user Not available.

IATA

14.1. UN number UN1760

14.2. UN proper shipping name	Corrosive liquid, n.o.s. (Sodium octane-1-sulphonate monohydrate, L-(+)-lactic acid)
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	Yes
ERG Code	8L
14.6. Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

IMDG

14.1. UN number	UN1760
14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S. (Sodium octane-1-sulphonate monohydrate, L-(+)-lactic acid), MARINE POLLUTANT
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	Yes
EmS	F-A, S-B
14.6. Special precautions for user	Not available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This product is not intended to be transported in bulk.

ADN; ADR; IATA; IMDG; RID

Marine pollutant

SECTION 15: Regulatory information

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

Retained direct EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

bronopol (INN) (CAS 52-51-7)
N-(n-octyl)-2-pyrrolidone (CAS 2687-94-7)

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TWA: Time Weighted Average.
vPvB: Very persistent and very bioaccumulative.

References ECHA registered substances database

Information on evaluation method leading to the classification of mixture The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Revision information None.

Training information Follow training instructions when handling this material.

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.