

SAFETY DATA SHEET

CREBISOL X10

Page: 1

Compilation date: 19/11/2015

Revision date: 25/03/2020

Revision No: 3

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

1.1. Product identifier

Product name: CREBISOL X10

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

Use of substance / mixture: PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: Crebisol Ltd

First Floor,
50 Main Street,
Newcastle
Down
BT33 0AD
United Kingdom

Tel: +44 (0)28 4372 4532

Email: info@crebisol.com

1.4. Emergency telephone number

Emergency tel: +44 (0)28 4372 4532

(8.00am to 10.00pm 7 days a week)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Skin Corr. 1B: H314

Most important adverse effects: Harmful if swallowed. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. Very toxic to aquatic life.

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

H400: Very toxic to aquatic life.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark

GHS09: Environmental



[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 2

Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

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.

P405: Store locked up.

P501: Dispose of contents/container to an appropriate waste disposal system.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

2-AMINOETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%

DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
-----------	-----------	---	--	-------

ISOTRIDECANOL ETHOXYLATE (EO 6-20)

-	69011-36-5	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
---	------------	---	--------------------------------------	-------

DIPROPYLENE GLYCOL MONOMETHYL ETHER

-	-	Substance with a Community workplace exposure limit.	-	1-10%
---	---	---	---	-------

PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
-----------	---------	---	--	-------

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 3

POTASSIUM CARBONATE - REACH registered number(s): 01-2119532646-36-XXX

209-529-3	584-08-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	1-10%
-----------	----------	---	---	-------

PERFUME

-	-	-	Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Eye Irrit. 2: H319; Aquatic Acute 1: H400; Asp. Tox. 1: H304	<1%
---	---	---	--	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Rinse immediately with plenty of water also under the eyelids for at least 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 4

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC8: Biocidal products (e.g. Disinfectants, pest control).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2-AMINOETHANOL

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	2.5 mg/m ³	7.6 mg/m ³	-	-

DIPROPYLENE GLYCOL MONOMETHYL ETHER

EU	50ppm	-	-	-
----	-------	---	---	---

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 5

PROPAN-2-OL

IE	200 ppm	400 ppm	-	-
----	---------	---------	---	---

DNEL/PNEC Values

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	283 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	308 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	121 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	37.2 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	36 mg/kg bw/day	Consumers	Systemic
PNEC	Fresh water	19 mg/l	-	-
PNEC	Marine water	1.9 mg/l	-	-
PNEC	Fresh water sediments	70.2 mg/kg d.w.	-	-
PNEC	Marine sediments	7.02 mg/kg d.w.	-	-
PNEC	Soil (agricultural)	2.74 mg/kg d.w.	-	-

POTASSIUM CARBONATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	10 mg/m ³	Workers	Local
DNEL	Inhalation (repeated dose)	10 mg/m ³	Consumers	Local

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Gloves should be to standard BSEN374-3:2004

Eye protection: Safety glasses. Glasses should be to standard EN166:2001 Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Blue

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 6

Solubility in water: No data available.

Viscosity: Non-viscous

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: 1.0 kg/l

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

pH: >12.8

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

2-AMINOETHANOL

IVN	RAT	LD50	225	mg/kg
ORL	MUS	LD50	700	mg/kg
ORL	RAT	LD50	1720	mg/kg

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 7

SCU	RAT	LD50	1500	mg/kg
-----	-----	------	------	-------

DIDECYLDIMETHYLAMMONIUM CHLORIDE

IPR	RAT	LD50	45	mg/kg
ORL	MUS	LD50	268	mg/kg

DIPROPYLENE GLYCOL MONOMETHYL ETHER

DERMAL	RBT	LD50	9510	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

POTASSIUM CARBONATE

DERMAL	RBT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>4.96	mg/l
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 8

Hazardous ingredients:

ISOTRIDECANOL ETHOXYLATE (EO 6-20)

Daphnia magna	48H EC50	1-100	mg/l
FISH	96H LC50	1-100	mg/l

DIPROPYLENE GLYCOL MONOMETHYL ETHER

ALGAE	96H ErC50	>969	mg/l
MARINE ALGAE (Skeletonema costatum)	72H ErC50	6999	mg/l

POTASSIUM CARBONATE

RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	68	mg/l
-------------------------------------	----------	----	------

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1903

14.2. UN proper shipping name

Shipping name: DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 9

(Didecyldimethylammonium chloride)

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). Ingredients are listed with classification under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients according to EC Detergents Regulation 648/2004 : Propan-2-ol, Non Ionic surfactants 5 - 15% di-n-decyldimethylammoniumchloride (7.68% w/w) Perfume, Limonene,

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

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.

[cont...]

SAFETY DATA SHEET

CREBISOL X10

Page: 10

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.