



SAFETY DATA SHEET

BI-CHEM CESCLEAN

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

1.1. Product identifier

Product name BI-CHEM CESCLEAN
Product number 45310
Synonyms; trade names CESCLEAN FR

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

Identified uses Water Treatment

1.3. Details of the supplier of the safety data sheet

Supplier Univar
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
+44 1274 267306
sds@univar.com

1.4. Emergency telephone number

Emergency Contact Number +44 1274 267346
(Office Hours)

Emergency Contact Number +441865 407333
(Outside Office Hours)

Sds No. 45310

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Eye Irrit. 2 - H319 Elicitation - EUH208

Environmental hazards

Not Classified

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements

H319 Causes serious eye irritation.
EUH208 Contains PANCREATIN. May produce an allergic reaction.

BI-CHEM CESCLEAR**Precautionary statements**

P280 Wear protective gloves/protective clothing/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.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

ETHOXYLATED FATTY ALCOHOL		1-5%
CAS number: 68439-49-6 EC number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Dam. 1 - H318	Xn;R22. Xi;R41.	
Acute Tox. 4 - H302		
PANCREATIN		<1%
CAS number: 8049-47-6 EC number: 232-468-9		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Resp. Sens. 1 - H334		
Skin Sens. 1 - H317		
STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Do not induce vomiting. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Get medical attention.

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

May cause sensitisation by inhalation. May cause respiratory irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause sensitisation by skin contact. Organisms used are non-pathogenic but can cause infection when in contact with open wounds.

Eye contact

Irritating and may cause redness and pain.

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

BI-CHEM CESCLEAN**Notes for the doctor**

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use fire-extinguishing media suitable for the surrounding fire. e.g. Water. Foam.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrous gases (NO_x).

5.3. Advice for firefighters**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid generation and spreading of dust.

6.2. Environmental precautions**Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections**Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Usage precautions**

Wear protective gloves. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures not exceeding 35°C. Avoid freezing. Avoid contact with the following materials: Strong acids. Strong alkalis. Strong oxidising agents. Unsuitable containers: metals.

7.3. Specific end use(s)**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection**8.1. Control parameters****Occupational exposure limits**

Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

8.2. Exposure controls

BI-CHEM CESCLEAR**Protective equipment****Appropriate engineering controls**

Provide adequate ventilation.

Eye/face protection

Tight-fitting safety glasses. EN 166

Hand protection

Wear protective gloves. EN 374

Other skin and body protection

Wear appropriate clothing to prevent skin contamination. Organisms used are non-pathogenic but can cause infection when in contact with open wounds.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties**Appearance**

Granules.

Colour

Off-white.

Odour

Characteristic.

Odour threshold

No information available.

pH

No information available.

Melting point

No information available.

Initial boiling point and range

No information available.

Flash point

Not determined.

Evaporation rate

No information available.

Evaporation factor

No information available.

Flammability (solid, gas)

No information available.

Upper/lower flammability or explosive limits

No information available.

Vapour pressure

No information available.

Vapour density

No information available.

BI-CHEM CESCLEAR**Relative density**

0.5 - 0.7

Solubility(ies)

Partly soluble

Partition coefficient

No information available.

Auto-ignition temperature

No information available.

Decomposition Temperature

No information available.

Viscosity

No information available.

Explosive properties

No unusual fire or explosion hazards noted.

Oxidising properties

Not determined.

9.2. Other information**Other information**

Not available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

10.2. Chemical stability**Stability**

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

There are no known reactivity hazards associated with this product.

10.4. Conditions to avoid

Store at temperatures above 0°C. Keep at temperature not exceeding 35°C.

10.5. Incompatible materials**Materials to avoid**

Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition productsNone at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrous gases (NO_x).**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - oral****ATE oral (mg/kg)**

17,241.37931034

Skin corrosion/irritation**Extreme pH**

No information available.

Serious eye damage/irritation

Irritating to eyes.

BI-CHEM CESCLEAR**Respiratory sensitisation**

May cause sensitisation or allergic reactions in sensitive individuals.

Skin sensitisation

May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity**Genotoxicity - in vitro**

No information available.

Carcinogenicity

No information available.

Reproductive toxicity**Reproductive toxicity - fertility**

No information available.

Specific target organ toxicity - single exposure**STOT - single exposure**

No information available.

Specific target organ toxicity - repeated exposure**STOT - repeated exposure**

No information available.

Aspiration hazard

Not available.

Inhalation

May cause sensitisation by inhalation. May cause respiratory irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause sensitisation by skin contact. Organisms used are non-pathogenic but can cause infection when in contact with open wounds.

Eye contact

Irritating and may cause redness and pain.

SECTION 12: Ecological Information**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.

12.1. Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability**Persistence and degradability**

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Partition coefficient

No information available.

12.4. Mobility in soil**Mobility**

No information available.

BI-CHEM CESCLEAR**12.5. Results of PBT and vPvB assessment**

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). All the bacteria contained in this formulation are of group 1 according to Directive 2000/54/EC (on the protection of workers from risks related to exposure to biological agents at work). When handling the product, precautions described in Annex VI of Directive 2000/54/EC have to be taken into consideration in order to make a risk assessment.

Guidance

CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

BI-CHEM CESCLEAR**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

SECTION 16: Other information**Revision comments**

This is first issue.

Revision date 11/03/2015

Revision 01

SDS number 45310

SDS status Approved.

Signature M Dryden

Hazard statements in full

EUH208 Contains PANCREATIN. May produce an allergic reaction.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

TURKISH SIGNATURE