SAFETY DATA SHEET
Corfactant CAPB 30

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

1.1. Product identifier

Product name Corfactant CAPB 30

REACH registration number 01-2119488533-30-XXXX

CAS number 97862-59-4

EC number 931-296-8

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

Identified uses Surfactant

1.3. Details of the supplier of the safety data sheet

Supplier

Craftastik Ltd
Unit 11 Swift Business Park
Creek Way
Rainham
RM138LE

0203 305 6486

info@craftastik.co.uk

1.4. Emergency telephone number

Emergency telephone Carechem 24 hr: +44(0)1235 239670

National emergency telephone number Carechem 24 hr: +44(0)1235 239670

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

EC number 931-296-8

Hazard pictograms

Signal word Danger

Corfactant CAPB 30

Hazard statements H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P273 Avoid release to the environment.
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.
P310 Immediately call a POISON CENTER/ doctor.
P501 Dispose of contents/ container in accordance with national regulations.

Contains COCAMIDOPROPYL BETAINE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

COCAMIDOPROPYL BETAINE **30-60%**

CAS number: 61789-40-0 EC number: 263-058-8

Classification
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Consult a physician for specific advice. Chemical burns must be treated by a physician. Get medical attention if any discomfort continues.

Inhalation Unlikely route of exposure as the product does not contain volatile substances. Get medical attention if symptoms are severe or persist. Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel.

Ingestion IF SWALLOWED: Get medical attention. Rinse mouth thoroughly with water. Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel.

Skin contact IF ON SKIN: Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

Eye contact IF IN EYES: May cause permanent damage if eye is not immediately irrigated. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. Continue to rinse for at least 15 minutes. Show this Safety Data Sheet to the medical personnel.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information See Section 11 for additional information on health hazards.

Inhalation Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

Ingestion May cause discomfort if swallowed. The product is considered to be a low hazard under normal conditions of use.

Skin contact Skin irritation should not occur when used as recommended.

Corfactant CAPB 30

Eye contact Causes serious eye damage. Irritation of eyes and mucous membranes. Severe irritation, burning, tearing and blurred vision.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Water spray, fog or mist. Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable.

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire: Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Carbon monoxide (CO). Oxides of carbon. Oxides of nitrogen. Nitrous gases (NOx).

5.3. Advice for firefighters

Protective actions during firefighting Stop leak if safe to do so. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Contain and collect extinguishing water. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure procedures and training for emergency decontamination and disposal are in place. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Avoid contact with eyes and prolonged skin contact. Wear protective clothing as described in Section 8 of this safety data sheet. Take care as floors and other surfaces may become slippery. Do not handle broken packages without protective equipment. Treat the spilled material according to the instructions in the clean-up section.

6.2. Environmental precautions

Environmental precautions May cause long lasting harmful effects to aquatic life.

6.3. Methods and material for containment and cleaning up

Corfactant CAPB 30

Methods for cleaning up

When handling waste, the safety precautions applying to handling of the product should be considered. Stop leak if safe to do so. To prevent release, place container with damaged side up. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.
Small spillage: Wipe up with an absorbent cloth and dispose of waste safely. Collect and place in suitable waste disposal containers and seal securely.
Large Spillages: Contain spillage with sand, earth or other suitable non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
Containers with collected spillage must be properly labelled with correct contents and hazard symbol. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

For use in industrial installations only. Acquisition, possession or use by the general public is restricted. Do not handle until all safety precautions have been read and understood. Eye wash facilities and emergency shower must be available when handling this product.

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Protect containers from damage. Protect from freezing and direct sunlight. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No data available

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure.

Personal protection

The following recommendations are made based on information available for the major chemical component.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear tight-fitting, chemical splash goggles or face shield.
Personal protective equipment for eye and face protection should comply with European Standard EN166.

Corfactant CAPB 30

Hand protection	The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Wear protective clothing.
Hygiene measures	Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Change work clothing daily before leaving workplace. Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	Use approved respirator if air contamination is above an acceptable level. No specific requirements are anticipated under normal conditions of use.
Thermal hazards	No specific requirements are anticipated under normal conditions of use.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Characteristic.
Odour threshold	Not available.
pH	pH (concentrated solution): 4.5-5.5
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	. 1.05 @ 25°C
Bulk density	Not available.

Corfactant CAPB 30

Solubility(ies)	Not available.
Partition coefficient	log Kow: 4.232
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Contents may develop pressure upon prolonged storage.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Containers can burst violently or explode when heated, due to excessive pressure build-up. Avoid freezing. No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Strong alkalis. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD_{50}) LD_{50} 2335 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD_{50}) LD_{50} >2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Not determined.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Corfactant CAPB 30

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Micronucleus assay Negative.

Carcinogenicity

Carcinogenicity Not determined.

Reproductive toxicity

Reproductive toxicity - fertility . - NOAEL 247 mg/kg, Oral, Rat .

Reproductive toxicity - development . - NOAEL: 1000 mg/kg, Oral, .

SECTION 12: Ecological information

Ecotoxicity May cause long lasting harmful effects to aquatic life.

12.1. Toxicity

Acute aquatic toxicity

Summary No data available

Acute toxicity - fish Read-across data.
LC_{50}, 96 hour: 1.11 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC_{50}, LC_{50}, 48 hour: 1.9 mg/l, Daphnia magna
LC_{50}, EC_{50}, 48 hour: 7 mg/l, Marinewater invertebrates

Chronic aquatic toxicity

Chronic toxicity - fish early life stage EC10, LC10, NOEC, 100 days: 0.135 mg/l, Oncorhynchus mykiss (Rainbow trout)

12.2. Persistence and degradability

Stability (hydrolysis) Calculation method.
Air
Half-life
9 hour

Biodegradation Activated sludge - Degradation 91.6: 28 days
The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Based on available data the classification criteria are not met. Bioaccumulation is unlikely.

Partition coefficient log Kow: 4.232

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Corfactant CAPB 30

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. This material and its container must be disposed of as hazardous waste. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Confirm disposal procedures with environmental engineer and local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Disposal methods Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

SECTION 14: Transport information

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

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

Guidance Workplace Exposure Limits EH40.

Authorisations (Annex XIV Regulation 1907/2006) No specific authorisations are known for this product.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 10/06/2020

SDS number 22840

Hazard statements in full H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.