

Carboxyline® 25-30 UP

Safety Data Sheet

According to Regulation (EC) No. 1907/2006



1. Identification of the product and the manufacturer

1.1. Product identification

Product form : Polymer according to article 3 and 6 of the REACH regulation
Trade name : Carboxyline® 25-30 UP

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

- Relevant identified uses
Threshold scale inhibitor and dispersing polymer for use in detergents/cleaners, production of process a/o potable water by membranes, anti redeposition agent in detergents/cleaners, dispersant in paints
- Uses advised against: not known

1.3. Manufacturer/supplier

Cosun Biobased Products B.V.
Borchwerf 3
4704 RG Roosendaal
The Netherlands
2E @cosun.com

1.4. Emergency telephone number

Emergency telephone number: +31 76 530 33 33

2. Identification of hazards

2.1. Classification (Regulation (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2. Label elements

For this product, a hazard label is not required according to section 1.3.4 of the CLP regulation.
This product is not hazardous per the Globally Harmonized System of Classification and Labelling (GHS).
No labelling applicable.

2.3. Other hazards

No additional information available.

3. Composition and information on ingredients

3.1. Chemical description

Sodium carboxymethyl inulin

3.2. Ingredients

Identification name	CAS Reg. No.	EC No.	Amount (% w/w)	Classification according Regulation (EC) No. 1272 [CLP]
Sodium carboxymethyl inulin	430439-54-6	610-102-2	± 30	-
Sodium glycolate	2836-32-0	220-624-9	Max. 0.06	-
Sodium chloride	7647-14-5	231-598-3	Max. 0.08	-

Substance name	REACH No.
Sodium carboxymethyl inulin	Exempted polymer according to article 3 and 6 of the REACH regulation

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4. First aid measures

4.1. General information

No hazards which require special first aid measures.

4.2. Skin

Wash off with excess water.

4.3. Eyes

Rinse with excess water.

4.4. Ingestion

Drink large quantities of water. Rinse out mouth with water.

4.5. Inhalation

Remove to fresh air. Treat any irritation symptomatically. Call for a doctor.

5. Firefighting measures

5.1. Fire fighting measures

Fight the fire using water, sand, dry powder, carbon dioxide or foam.

5.2. Protective Equipment

Impervious gloves. Use goggles. Nose and mouth gauze filter.

5.3. Combustion products

Carbon monoxide, carbon dioxide and smoke.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wet floors on which the substance is spilled may become slippery.

6.2. Protective Equipment

See section 8.

6.3. Methods and material for containment and cleaning up

Wipe up and wash down with water. Pass the water to an effluent plant.

7. Handling and storage

7.1. Precautions for safe handling

For personal protection see section 8. Handle in ventilated area: reduce dusting.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end uses

No specific recommendations

8. Exposure controls/personal protection

8.1. Additional data concerning the lay-out of technical installations

None (see 7)

8.2. Components with exposure limits

None

8.3. Personal protection

- Hand protection : PVC gloves
- Respiratory protection : None, or simple inhalation mask to protect against inhalation of dust.
- Eye protection : Safety glasses
- Hygiene measures : General industrial hygiene practice

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	: Liquid
Colour	: Brown
Odour	: Specific
pH-value	: 7-10
Water Solubility	: Fully soluble
Solubility in other solvents	: Partly soluble in other solvents

This safety data sheet only contains information relating to safety and does not replace any product specification.

10. Stability and reactivity

10.1. Reactivity

Dangerous reactions are not known.

10.2. Chemical stability

No decomposition under normal conditions

10.3. Possibility of hazardous reactions

Dangerous reactions are not known.

10.4. Conditions to avoid:

Keep under normal conditions.

10.5. Incompatible materials:

Reactions are not known.

10.6. Hazardous decomposition products:

Reactions are not known.

11. Toxicological information

11.1. Carboxymethylinulin

On the analogy of Carboxymethylcellulose (CMC) very low toxicity is expected ($LD_{50} > 2,000$ mg/kg).

11.2. By-products

- Skin: no effects to be expected
- Eyes : believed not to be irritant
- Oral: very low level of toxicity expected
- Inhalation: no effect known

12. Ecological information

12.1. Toxicity:

12.1.1 Bacteria toxicity (EC_{10})

- EC_{10} : $> 10,000$ mg/l
- EC_{50} : $> 10,000$ mg/l

12.1.2 Daphnia toxicity ($EC_{50,24 h}$)

- EC_0 : 2,000 mg/l
- $EC_{50,24 h}$: 5,500 mg/l
- $EC_{50,48 h}$: 4,000 mg/l

12.1.3 Fish toxicity (EC_{10})

LC_0 : $>10,000$ mg/l

12.2. Biodegradability

Inherently biodegradable

12.3. PBT and vPvB assessment

This substance is not considered to be a PBT (Persistent Bioaccumulation, Toxic).

This substance is not considered to be vPvB (very Persistent nor very Bioaccumulating).

13. Disposal considerations

13.1. Waste treatment methods

Take into account the local regulations.

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14. Transport information

14.1. ADR/RID

None

14.2. International transport information

- ICAO/IATA: none
- ADN: none
- IMDG: none

14.3. Remaining transport information

None

15. Regulatory information

15.1. EG EINECS

As a post-reacted biopolymer the substance is covered by notification and therefore is not listed in EINECS.

15.2. REACH

In compliance with REACH regulation

15.3. EPA TSCA

Listed

15.4. Canadian DSL

Listed

16. Other information

16.1. Indication of changes

Date of issue	06 November 2018
Revision number	2.0

06 November 2018; Update Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] and REACH registration.

16.2. Abbreviations and acronyms

List of Acronyms	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CAS No.	Chemical Abstracts Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMC	Carboxymethyl cellulose
EC	European Community
EC no.	EINECS and ELINCS Number (see also EINECS and ELINCS)
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
GHS	Globally Harmonized System
IATA	International Air Transport Association
ICAO-T	Technical Instructions for the Safe Transport of Dangerous Goods by Air
PBT	Persistent, Bioaccumulative and Toxic substance
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

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16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

See SECTION 2.1 (classification).

16.5. Relevant R-, H- and EUH-phrases (number and full text)

- Symbol: not required
- H- and EUH-phrases: none

16.6. Training advice

N/a

16.7. Further information

Further information and reference on the safety aspects of the product may be obtained from:

Cosun Biobased Products B.V.

Kreekweg 1, 4670 VA Dinteloord, The Netherlands

Tel +31 76 530 33 33

E-mail: 2E@cosun.com

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