



SAFETY DATA SHEET CEBEX 653

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

1.1. Product identifier

Product name CEBEX 653
Product number 1061000UK9

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

Identified uses Admixture for concrete

1.3. Details of the supplier of the safety data sheet

Supplier FOSROC Limited
 Drayton Manor Business Park
 Coleshill Road
 Tamworth
 Staffordshire
 B78 3XN
 enquiryuk@fosroc.com
 Tel. +44 (0) 1827 262222
 Fax. +44 (0) 1827 262444

1.4. Emergency telephone number

Emergency telephone +44 (0) 1827 265 279 (08.30 to 17.00hrs Mon - Thu; 08.30 to 16.00hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

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

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

No significant hazard.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

CEBEX 653

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	No specific recommendations.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	No specific symptoms noted.
----------------------------	-----------------------------

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

Notes for the doctor	No specific recommendations.
-----------------------------	------------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
-------------------------------------	--

5.2. Special hazards arising from the substance or mixture

Specific hazards	The product of hydrolysis (methanol) is readily biodegradable. Silicone content is not biodegradable.
Hazardous combustion products	Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x). Acid vapours

5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
-----------------------------	--

6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses. Avoid spreading dust or contaminated materials.
----------------------------------	---

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Avoid generation and spreading of dust. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
--------------------------------	---

CEBEX 653

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Provide adequate ventilation. Avoid generation and spreading of dust. Avoid inhalation of dust and contact with skin and eyes. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of dust. Static electricity and formation of sparks must be prevented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

Storage class Unspecified storage.

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

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection Gloves are recommended for prolonged use. It is recommended that gloves are made of the following material: Butyl rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact. Wear protective gloves.

Hygiene measures Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Wear a suitable dust mask.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Granules.

Colour White.

Odour Odourless.

CEBEX 653

pH	pH (concentrated solution): ~7
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	>149°C
Relative density	0.72 @ 20°C
Bulk density	15.8 - 19.8 kg/m³
Solubility(ies)	Soluble in water.
Explosive properties	Lower explosive limit (LEL): 30.0 mg/m³
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not available.
--------------------------	----------------

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability	No particular stability concerns.
------------------	-----------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The product of hydrolysis (methanol) is readily biodegradable. Silicone content is not biodegradable. Will not polymerise.
---	--

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
----------------------------	---

10.5. Incompatible materials

Materials to avoid	Acids Strong bases Strong oxidising agents. Inorganic nitrates. Chlorine
---------------------------	--

10.6. Hazardous decomposition products

Hazardous decomposition products	Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x). Acid vapours
---	---

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Not regarded as a health or environmental hazard under current legislation.
------------------------------	---

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
--	---------

Skin corrosion/irritation

Animal data	Not irritating.
--------------------	-----------------

General information	No specific health hazards known.
----------------------------	-----------------------------------

CEBEX 653

Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	No specific health hazards known.
Acute and chronic health hazards	No specific health hazards known.
Target organs	Not relevant.
Medical symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

SECTION 12: Ecological Information

Ecotoxicity	The product is not expected to be hazardous to the environment.
--------------------	---

12.1. Toxicity

Toxicity	Not considered toxic to fish.
Acute toxicity - fish	LC ₅₀ , 96 hours: 4000 mg/l mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >1000 mg/l mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours, 72 hours: > 1000 mg/l, Freshwater plants
Acute toxicity - microorganisms	EC ₅₀ , 24 hours, 24 hours: > 2500 mg/l, Pseudomonas putida

12.2. Persistence and degradability

Persistence and degradability	Inherently biodegradable.
Phototransformation	Not available.
Biodegradation	Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential	Not expected to be bioaccumulative
----------------------------------	------------------------------------

12.4. Mobility in soil

Mobility	The product is soluble in water.
-----------------	----------------------------------

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.
---	---

12.6. Other adverse effects

Other adverse effects	None known.
------------------------------	-------------

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Disposal must be in accordance with local and national legislation.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

CEBEX 653**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.

UN No. (IMDG)

UN No. (ICAO)

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

ADR/RID class

ADR/RID subsidiary risk

ADR/RID label

IMDG class

IMDG subsidiary risk

ICAO class/division

ICAO subsidiary risk

Transport labels

14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

EmS

Emergency Action Code

**Hazard Identification Number
(ADR/RID)**

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

CEBEX 653**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EU legislation	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). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.
Authorisations (Title VII Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Title VIII Regulation 1907/2006)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	10/07/2015
Revision	3
Risk phrases in full	NC Not classified.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.