

## 1. Identification of the Substance/Preparation and Company

Product name: **Microlatex**

Product application: Additive to oilfield cements

Address/Phone No.: **Elkem ASA, Silicon Products**  
P.O. Box 334 Skøyen  
N-0213 Oslo, Norway  
Telephone: + 47 22 45 01 00  
<https://www.elkem.com/silicon-products/>

Contact: [support.siliconproducts@elkem.com](mailto:support.siliconproducts@elkem.com)

REACH registration number: n.a. Polymers are exempted from REACH registration.

REACH and CLP helpdesk: REACH and CLP website:  
<https://echa.europa.eu/support/helpdesks/>

Emergency Phone No.: not applicable for non-hazardous substances.

## 2. Hazards Identification

Classification of the substance The product does not meet the criteria for hazard classification according to Regulation (EC) No1272/2008 (CLP) and the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS, 9<sup>th</sup> rev.).

Hazard pictogram: N/A (not applicable)  
Signal word: N/A (not applicable)  
Hazard statements: N/A (not applicable)  
Precautionary statements: N/A (not applicable)

## 3. Composition/Information on Ingredients

Synonyms: Aqueous polymer latex dispersion.

Ingredient name	CAS No.	EINECS No.	Classification under Regulation (EC) No. 1272/2008	Content (%)
Styrene-butadiene co-polymer	9003-55-8	-	-	50
Alcohols, C16-18, Ethoxylated	68439-49-6	500-212-8	Acute Tox. 4 (oral) H302	1-2
Water	7732-18-5	231-791-2	-	balance

#### 4. First Aid Measures

Inhalation: Fresh air. See a physician on persistent feeling of discomfort.  
Skin contact: Wash contaminated skin with water and/or a mild detergent.  
Eye contact: Rinse eyes with water/saline solution. See a physician on persistent feeling of discomfort.  
Ingestion: Remove the person affected from exposed area. Do NOT induce vomiting. Wash out mouth with water. See a physician on persistent feeling of discomfort.

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#### 5. Fire Fighting Measures

In a fire or if heated, a pressure increase will occur and the container may burst. Use an extinguishing agent suitable for the surrounding fire. Cool closed-containers exposed to fire with water spray. Wear self-contained breathing apparatus and protective clothing.

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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#### 6. Accidental Release Measures

**Small spill :** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. See section 13.

**Large spill :** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

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#### 7. Handling and Storage

**Handling :** Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

**Storage :** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Store in accordance with local regulations.

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#### 8. Exposure Controls/Personal Protection

**A) Occupational exposure controls:**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Use protective gloves and eye protection. Facilities for eye flushing should be available.



**Occupational Exposure Limits:** No exposure limit values.

**B) Environmental exposure controls:**

No information available.

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## 9. Physical and Chemical Properties

Form:	Liquid
Colour:	Milky white, translucent
Odour:	slight, chemical
Boiling point	100 °C (Water)
Flash point	not applicable
Solubility (Water):	Miscible as dispersion
pH value	7-8
Vapour pressure	23 hPa @20 °C (Water)
Relative density	1.02

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## 10. Stability and reactivity

**Chemical stability:** Possible development of bacteriological contamination due to prolonged storage or storage in a badly cleaned or unclosed container. The polymer is chemically stable.

**Possibility of hazardous Reactions:**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:**

The product decomposes under elevated temperatures.

**Materials to avoid:**

No specific data.

**Hazardous decomposition**

**Products:**

Under normal conditions of storage and use, hazardous decomposition products will not be produced.

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## 11. Toxicological Information

The product does not meet the criteria for hazard classification according to (EC) No1272/2008 (CLP) and the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS, 9<sup>th</sup> rev.)..

**Acute effects:**

INGESTION:	No known significant effects or critical hazards.
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	May cause mechanical irritation.
EYE CONTACT:	May cause mechanical irritation.

**Chronic effects:**

No known significant effects or critical hazards.

**Acute toxicity:**

Alcohols, C16-18, Ethoxylated, LD<sub>50</sub> Oral Rat: 1.260 mg/kg

**Endocrine disrupting properties:** The product is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU)2017/2100 or Commission Regulation (EU)2018/605.

## 12. Ecological Information

The product is not characterised as dangerous for the environment.

MOBILITY:	No information available
BIODEGRADIBILITY:	Not readily biodegradable
BIOACCUMULATION:	Not tested but expected to be minimal.
ECOTOXICITY:	LC <sub>50</sub> /EC <sub>50</sub> values not determined.

Endocrine disrupting properties: The product is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU)2017/2100 or Commission Regulation (EU)2018/605.

## 13. Disposal Considerations

**Methods of disposal:** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste:** This material is not classified as hazardous waste according to Commission Directive 2008/98/EC, Commission Decisions 2000/532/EC and 2001/118/EC. Prior to disposal of large quantities of this material advice should be sought from the relevant Waste Regulation Authority.

## 14. Transport Information

UN	-
ICAO/IATA	Not regulated
IMO/IMDG	Not regulated
ADR/RID	Not regulated

## 15. Regulatory Information

The text of this Product Safety Information is prepared in compliance with:

- 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).
- 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 (CLP).
- UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS, 9<sup>th</sup> rev.).

## 16. Other Information

According to Chapter 1.5.2 of the UN Globally Harmonised System of classification and labelling of chemicals (GHS), Article 58 (2)(a), and Article 59(2)(b) of (EC) No 1272/2008 (CLP), which amends REACH article 31(1), safety data sheets (SDS) are only required for substances and mixtures that meet the harmonised criteria for physical, health or environmental hazards. Since this product does not meet these criteria, a SDS according to (EU) 2020/878 is not issued. In order to communicate relevant HSE-(health, safety and environmental-) information, this product safety information (PSI) is provided instead.

In accordance with REACH article 31(5), safety data sheets shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market. This obligation, however, only applies for hazard-classified products which require a formal SDS. Since this product is not hazard-classified, the product safety information (PSI) is, in accordance with current regulation, provided in English language only.

REACH article 31(7) requires relevant exposure scenarios from the Chemical Safety Report (CSR) to be annexed to the SDS. However, according to REACH Annex I, section 0. (Introduction), subsection 0.6. no 4 and 5, exposure scenarios are only required for hazard-classified substances or mixtures. Since this product is not hazard-classified according to CLP, there is no requirement for exposure scenarios.

Changes from revision 00 to 01: New corporate address. Paragraph 2 in section 16.

Changes from revision 01 to 02: generic e-mail address inserted, reference to DPD-regulation removed, reference to (EU) 2015/830, legal disclaimer removed.

Changes from revision 02 to 03: reference to GHS 7<sup>th</sup> ed., emergency phone number not applicable.

Changes from revision 03 to 04: company information updated.

Changes from revision 04 to 05: company information updated, GHS reference 9<sup>th</sup> ed., EDC properties added (section 11 & 12), ref EU 2020/878