

SAFETY DATA SHEET (16 SECTION)

CE-FORCE SILICON

Product	CE-FORCE SILICON
Document type	SDS/MSDS
Category	Liquid potassium silicate fertiliser
Document code	CEON-CE_FORCE_SILICON-SDSMSDS-REV04
Revision / Issue	04 / 17 July 2026

1. Identification

Product identifier: CE-FORCE SILICON. Recommended use: agricultural nutrient product. Supplier: CEON Enterprise Ltd, United Kingdom. Website: www.ceon.com.tr. Emergency contact: use the local emergency number and the contact stated on the commercial label.

2. Hazard identification

Provisional catalogue-based assessment: no final GHS/CLP classification is assigned in this document because the complete formulation, raw-material SDS files, pH, toxicological data and jurisdiction-specific classification are not available. Avoid eye and skin contact. Selenium-, nickel-, copper- and zinc-containing products require particular care and must not be over-applied.

3. Composition / information on ingredients

Declared nutrient contents are shown below. Exact ingredient identities and concentration ranges remain controlled formulation information and must be confirmed in the final regulatory SDS.

Guaranteed parameter	Declared content
Water-soluble Potassium Oxide (K ₂ O)	8.0% w/v
Water-soluble Silicon Dioxide (SiO ₂)	20.0% w/v

4. First-aid measures

Inhalation: move to fresh air. Skin: remove contaminated clothing and rinse with water. Eyes: rinse cautiously with clean water for at least 15 minutes; remove contact lenses if easy. Ingestion: rinse mouth; do not induce vomiting unless directed by medical personnel. Seek medical advice if symptoms persist or after significant exposure.

5. Fire-fighting measures

Use extinguishing media suitable for the surrounding fire. Cool containers with water spray. Firefighters should use self-contained breathing apparatus where combustion products may be present. Prevent contaminated firewater from entering drains.

6. Accidental release measures

Wear appropriate gloves and eye protection. Stop leak if safe. Contain with inert absorbent material and collect in a labelled container. Prevent entry to waterways, drains and soil. Dispose according to local regulations.

7. Handling and storage

Use good industrial hygiene. Avoid contact with skin and eyes and avoid generating aerosols. Do not eat, drink or smoke during use. Store in the original tightly closed container in a cool, dry, ventilated area away from food, feed, children and incompatible materials.

8. Exposure controls / personal protection

No product-specific occupational exposure limits have been established in this catalogue-based document. Use safety glasses, chemical-resistant gloves and protective work clothing. Where aerosol or mist may form, assess respiratory protection according to local occupational-hygiene requirements.

9. Physical and chemical properties

Appearance: liquid concentrate. Colour/odour, pH, density, viscosity, flash point and freezing point: batch/formulation data required. Water solubility: intended for dilution in water.

10. Stability and reactivity

Stable under recommended storage conditions. Avoid excessive heat, freezing, direct sunlight and contamination. Do not mix with incompatible chemicals before a compatibility assessment. Hazardous decomposition products depend on formulation and fire conditions.

11. Toxicological information

Complete product toxicological testing is not available in the catalogue. Exposure may cause irritation depending on concentration and individual sensitivity. Repeated or excessive exposure to certain trace elements can be harmful. Use only as directed.

12. Ecological information

Do not release concentrated product to surface water, drains or soil. Nutrients and trace elements may adversely affect aquatic systems at excessive concentrations. Ecotoxicity, persistence and bioaccumulation data require formulation-specific assessment.

13. Disposal considerations

Dispose of product residues and contaminated packaging through an authorised route in accordance with local law. Do not reuse empty packaging for food, water or feed. Triple-rinse where permitted and manage rinsate within the approved application.

14. Transport information

Transport classification is not assigned in this provisional document. Confirm ADR/RID, IMDG and IATA status from the final formulation SDS before shipment. Protect containers from damage and secure upright.

15. Regulatory information

The product must be assessed under the fertiliser, chemical, labelling, transport and workplace rules applicable in the destination country. This document is not a substitute for a jurisdiction-specific regulatory SDS.

16. Other information

Revision 04. Prepared from CEON catalogue declarations for website technical information. Final issue requires formulation owner approval, raw-material SDS review and regulatory classification. No batch-specific COA result is implied.