



Material SAFETY DATA SHEET

Sethard P

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Sethard P**
Description: Potassium silicate hardener and dust reducer for concrete surfaces
Manufacturer: **Don Construction Products Ltd.**
Helions Bumpstead Road
Haverhill CB9
United Kingdom
Tel. +44 1 4407 66360 Fax: +44 14407 68897
www.dcp-int.com
Date: 03.01.2024 MSDS Number: DCP/05/03/78

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Aqueous potassium silicate solution.			
Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Potassium silicate	Xi	R36/38	1312-76-1	15 - 25

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes and skin.
Classification: Xi. R36/38

4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15minutes. Lifting upper and lower eye lids occasionally. Get medical attention immediately.

Skin: Immediately wash contaminated skin with plenty of water for at least 15minutes. Remove contaminated clothes and shoes. Get medical attention. Wash clothes before reuse.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Give large quantities of water. Never give anything by mouth to unconscious person. Get medical attention immediately.



5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, powder, foam or water.
Personal Protective Equipment: Self-contained breathing apparatus and full protective clothing.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Caution! Floor and other surfaces may be slippery. Ventilate area of leak or spill. Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions: Prevent entry into drains, sewers and water courses.
Decontamination Procedures: Recover liquid when possible, collect liquid in appropriate container or soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling: Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Storage: Keep container tightly closed in a cool dry area away from direct sunlight and frost. Do not store in Aluminum, glass, ceramic or zinc containers, store only in steel or stainless steel containers. Do not store with Acids.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible.
Skin Protection: Wear impervious clothing, including boots, gloves, lab coats, aprons or coveralls. Use alkaline resistant gloves.
Respiratory Protection: A system of local and/or general exhaust is recommended to keep employee below the Airbone Exposure Limit. If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respiratory supplier.
Hygiene Measures: Change contaminated clothing and clean before re-use.
Engineering Controls: Use only in well ventilated areas. Local exhaust ventilation is recommended.



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Odourless
pH (concentrate):	9 - 10
Boiling Point (°C):	>100
Relative Density (@25°C):	1.02 – 1.22
Water Solubility:	Soluble

10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Chemical Incompatibility:	Acids and light alloys
Hazardous Polymerization:	Will not occur.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 > 2000 mg/kg (rat).

Health Effects

On Eyes:	Slightly irritant.
On Skin:	Slightly irritant.
Sensitization:	No sensitizing effect known.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Not determined.
Mobility:	Viscous liquid.
Degradability:	Organic part of the product is biodegradable.
Bioaccumulation:	Not determined.
Environmental Toxicity:	24hr EC50 Daphnia magna: 146 mg/ltr.
General Notes:	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to a licensed site.

Used/ Contaminated Product: As for unused product.

Packaging: Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Xi



Irritant

Named Ingredients: Potassium silicate

Risk Phrases:

R36/38 Irritating to eyes and skin.

Safety Phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16: OTHER INFORMATION

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.