

# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	
Product Name	Slicker
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Agricultural use
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	<b>Fielder</b> The Paddocks Longden Shrewsbury Shrops SY5 8EX
Telephone	01743 860924
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	01743 860924.

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)

Signal Word

Warning

### 2.2 Label elements

Product Name  
Hazard pictogram(s)

Slicker



GHS07

Signal word(s)  
Hazard statement(s)

Danger.

**H315** Causes skin irritation  
**H319** Causes serious eye irritation  
**H335** May cause respiratory irritation

Precautionary statement(s)

**P260:** Do not breathe dust/fumes/gas/mist/vapours/spray  
**P270:** Do not eat, drink, or smoke whilst using the product  
**P280:** Wear protective gloves, protective clothing, eye and face protection.  
**P305/351/338:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing.  
For full text of H/P statements see section 16.

### 2.4 Additional Information

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Potassium silicate		1312-76-1	215-199-1	

#### 3.2 Additional Information

For full text of H/P statements see section 16.

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

General advice

Remove to fresh air. Drink plenty of water. Obtain medical attention.

Skin Contact

Wash off immediately with soap and plenty of water. If skin irritation persists seek medical advice.

Eye Contact

Rinse immediately with plenty of water, including under the eyelids for at least 15 minutes. If irritation persists seek medical advice.

Ingestion

Do not induce vomiting without medical advice. Seek medical advice.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable. May release irritant fumes in event of fire.

#### 5.1 Extinguishing Media

Suitable Extinguishing Media

Use waterspray, dry chemical, carbon dioxide, chemical foam.

#### 5.3 Protection

Wear self-contained breathing apparatus.

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Wear goggles to protect eyes and personal protective equipment.

#### 6.2 Environmental precautions

Control and contain spillage on site, avoid release to the environment. If substance has entered a water course inform authorities.

#### 6.3 Methods and material for containment and cleaning up

Recover and store in suitable containers. Wash spillage area clean with plenty of water. Contact waste disposal services. Spillages may be slippery.

#### 6.4 Reference to other sections

See Also Section: 8, 13.

### 7. SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after use. Wear personal protective clothing. Due care must be taken and any damaged packages isolated and repaired. Have eyewash bottle available.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep containers closed and in a cool dry place. Store out of the reach of children. Keep away from foodstuffs. Ensure

7.3 Incompatible materials  
Specific end use(s)

store is well ventilated. Do not allow to freeze.  
Aluminium.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

An exposure limit of 2mg/m<sup>3</sup> (15 min TWA) is recommended with analogy to potassium.

SUBSTANCE	CAS No.	LEL (8 hr TWA ppm)	LEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
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Source: WEL: Workplace Exposure Limit (UK HSE EH40)

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

COSHH Due consideration should be given to your control systems and the need for assessment.

#### 8.2.2 Personal protection equipment

Eye/face protection



Wear protective goggles.

Skin protection (Hand protection/ Other)



Wash hands after handling product. Wear adequate protective clothing to avoid skin contact.

Wear suitable gloves, eg. EN374-3level 6 breakthrough time(>)480 min

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Specific Gravity

1.39

Appearance

Clear liquid.

Odour

Odourless.

pH

Alkaline.

Melting Point/Freezing Point

N/A

Vapour pressure

Not determined.

Vapour density

Not determined.

Solubility(ies)

Highly soluble.

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.2 Chemical stability

Stable under normal conditions. Thermally very stable.

### 10.5 Incompatible materials

Can react with strong acids, strong oxidizing agents and powdered metals.

### 10.6 Hazardous Decomposition Product(s)

May release carbon monoxide.



## 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Inhalation	May cause irritation of the respiratory tract and mucous membranes.
Skin contact	May cause skin irritation and/or dermatitis. Low hazard for usual industrial handling.
Eye contact	May irritate eyes.
Ingestion	Causes irritation. May cause nausea, vomiting and diarrhoea.
<b>11.2 Other information</b>	Primary hazard of potassium silicate is the alkalinity. Oral LD50 (rat) values 1600-3200mg/kg have been reported for similar products.

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.2 Persistence and degradability</b>	Rapidly depolymerises into molecular species indistinguishable from natural dissolved silica. PH is above acceptable limits for discharge to sewers or watercourses.
<b>12.4 Mobility in soil</b>	Not determined
<b>Water solubility</b>	Soluble
<b>BOD</b>	Not determined

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Send to a registered waste disposal site. Material and containers should be disposed of as hazardous waste.
<b>Disposal Method</b>	Due to its alkalinity this product should be classified as hazardous waster under EEC directive 91/689/EEC. The material is classified as special waster under the UK Special Waster Regulations 1996. Disposal should be in accordance with local authority regulations.
<b>Packaging</b>	Labels should not be removed from containers until they have been cleaned.

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.3 Transport hazard class(es)</b>	Not classified as hazardous for transport.
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## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	Contains Potassium Silicate.
<b>15.1.1 EU regulations</b>	
<b>Authorisations and/or restrictions on use</b>	
Candidate List of Substances of Very High Concern for Authorisation	
REACH: Annex XIV List of substances subject to authorization	
REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	
Community Rolling Action Plan (CoRAP); Draft 04/11/2013	
<b>15.1.2 National regulations</b>	

## 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## 16. SECTION 16: OTHER INFORMATION

### Hazard statement(s) and Precautionary statement(s)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation
P260	Do not breathe vapour.
P270	Use only outdoors or in a well-ventilated area.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305/351/338	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing.

### Hazard pictogram(s)



GHS07

### Disclaimers

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

### Annex to the extended Safety Data Sheet (eSDS)

No information available.