

**Material Safety Data Sheet**  
According to 91/155 EEC

Printing date 14.12.2005

Reviewed on 14.12.2005

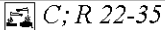
**1 Identification of the substance/preparation and of the company/undertaking**

- **Product details**
- **Trade name:** Slipol® F 32
- **Article number:** 060220
- **Application of the substance / the preparation** Textile auxiliary, e.g. foaming agents and stabilizers.
- **Manufacturer/Supplier:**  
Weserland Textilchemie GmbH  
P.O. Box 21 04 80, D-30404 Hannover  
Hansastraße 9 - 17, D-30419 Hannover  
Tel.: +49 511 97997 0 / Fax: +49 511 97997 70  
e-mail: [info@weserlandgmbh.de](mailto:info@weserlandgmbh.de)  
internet: [www.weserlandgmbh.de](http://www.weserlandgmbh.de)
- **Further information obtainable from:** Quality / environmental dept.

**2 Composition/information on ingredients**

- **Chemical characterization**
- **Description:**  
CAS-No.:  
143-18-0 Potassium oleate (active substance)  
EINECS-No.:  
205-590-5 Potassium salts of fatty acids (active substance)
- Aqueous preparation of potassium salts of native fatty acids.

· **Dangerous components:**

CAS: 1310-58-3	potassium hydroxide		< 2.5%
EINECS: 215-181-3			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

**3 Hazards identification**

· **Hazard description:**



*Xi Irritant*

- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 36/38 Irritating to eyes and skin.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Additional information:** The classification results behalf the pH-values.

**4 First aid measures**

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
If swallowed, seek medical advice immediately and show this material safety data sheet.
- **Information for doctor:** Treat symptomatically and supportively.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
In case of fire be aware of noxious fumes.  
Carbon monoxide (CO)  
Nitrogen oxides (NO<sub>x</sub>)
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Particular danger of slipping on leaked/spilled product.  
Wear protective clothing.
- **Measures for environmental protection:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store between +5 °C and +30 °C. Protect from frost.
- **Storage class:** Non-combustible liquids (12).

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.

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· **Protection of hands:**



Protective gloves

· **Material of gloves**

Gloves of nitrile rubber (EN 374) recommended: Tricotted gloves with nitrile rubber coating (EN 374). Deemed suitable from own experiences. After work apply hand cream.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles, tightly closing, with lateral shields (EN 166).

· **Body protection:** Full-arm protective overall/working clothing and safety footwear/boots (EN 344).

**9 Physical and chemical properties**

· **General Information**

Form:	Fluid
Colour:	Yellow-brown
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.  
Boiling point/Boiling range: Approx. 100°C

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** Approx. 1.0 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Fully miscible.

· **pH-value at 20°C:** 10.5 - 11.5

· **Solvent content:**

Organic solvents:	0.0 %
VOC (EC)	0.00 %

**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Incompatible with strong oxidizing agents like strong acids.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** May produce significant skin irritation after prolonged contact (data from literature).
- **on the eye:** May cause severe, possibly permanent eye damage (data from literature).
- **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

May cause some irritation of the mouth and upper digestive tract.

**12 Ecological information**

· **Information about elimination (persistence and degradability):**

· **Other information:**

Slipol® F 32 is biodegradable and have no accumulation potential (data derived from literature).

· **Ecotoxicological effects:**

· **Remark:** LC50 (fish, 48h) > 10 mg/l (data derived from literature).

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**

· **Product:**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**14 Transport information**

· **Transport/Additional information:** Not dangerous according to ADR/RID, IMDG and IATA.

**15 Regulatory information**

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**

Xi Irritant

· **Risk phrases:**

36/38 Irritating to eyes and skin.

· **Safety phrases:**

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

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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**16 Other information**

*Slipol® F 32 is classified in waste water relevance level (ARS) I according to the procedure of the self-obligation statement. Thus these textile auxiliaries have a minor relevance to waste water.*

*The information is based on the current state of our knowledge. The information is intended to describe the products and is thus not significant for assuring certain properties.*

· **Relevant R-phrases**

22 Harmful if swallowed.

35 Causes severe burns.

· **Department issuing MSDS:** Quality / environmental department

· **Contact:** Hr. Ehrle