



# SAFETY DATA SHEET

(According to Regulation 29CFR1910.1200 Appendix D)

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**  
Product Name : ALKOX SW
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:**  
: Auxiliary for paper
- 1.3 **Details of the supplier of the safety data sheet**  
Manufacturer : MEISEI CHEMICAL WORKS LTD.  
Address : 1.Nakazawacho, Nishikyogoku, Ukyoku, Kyoto, Japan  
Telephone : +81-75-312-8166  
Facsimile : +81-75-314-1150
- 1.4 **Emergency telephone number**  
Emergency phone : +81-75-312-8166

## SECTION 2. Hazards identification

- 2.1 **Classification of the chemical in accordance with paragraph (d) of 29CFR1910.1200**  
Not classified
- 2.2 **Labeling elements in accordance with paragraph (d) of 29CFR1910.1200**
- |                          |        |
|--------------------------|--------|
| Signal word              | : None |
| Hazard statement(s)      | : None |
| Symbol(s)                | : None |
| Precautionary statements | : None |
- 2.3 **Other hazards** : None

## SECTION 3. Composition/information on ingredients

- 3.1 **Substances**
- | Chemical Name         | CAS Number | Health hazards in accordance with paragraph (d) | %    |
|-----------------------|------------|---|------|
| Poly (ethylene oxide) | 25322-68-3 | Not classified.                                 | 96 ≤ |
- 3.2 **Mixture** : Not applicable

## SECTION 4. First aid measures

- 4.1 **Description of first aid measures**
- Inhalation:**
- Immediately remove affected person into fresh air.
- Skin contact:**
- Wash the contaminated part with running water or leak warm water with soap.
- Eye contact:**
- Wash eye with running water at least for 15 min. immediately and thoroughly.  
Consult with doctor.
  - When eyes is washed, the eyelid is opened by fingers so that water may spread well even in every corner of the eye and the eyelid.
- Ingestion:**
- Rinse the mouth with water thoroughly.
- 4.2 **Most important symptoms and effects, both acute and delayed:**
- It seems to be little effect on the human body.
- 4.3 **Indication of any immediate medical attention and special treatment needed:**
- No additional information available.

## SECTION 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

- Water spray, powder, carbon dioxide, alcohol-resistant foam, Halogen, dry sand, etc. are effective.

#### Unsuitable extinguishing media:

- None

### 5.2 Special hazards arising from the substance or mixture:

#### The combustion products or gases resulting from combustion:

- Carbon monoxide, carbon dioxide.

### 5.3 Advice for firefighters

#### Special protective equipment for fire-fighters:

- Wear gas mask (for organic gas) and also wear adequate protectors.
- The extinction work should be done from windward to avoid inhalation of poisonous fumes as much as possible.
- Attention to being slippery when use large amount of water since the product dissolves.

#### Special firefighting procedures:

- Remove ignition sources and extinguish by extinguishing media.

## SECTION 6. Accidental release measures

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

- Wear adequate protectors stated in the clause of "Exposure controls/personal protection" in order to prevent contact with skin, mucous membrane, clothing and eyes.
- Recover from the windward, and the person in leeward is evacuated.
- Attention to being very slippery by dissolving when it get wet by water.

### 6.2 Environmental precautions:

- Prevent from being released into the river that may affect on the environment.

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

- Sweep and collect scattering materials and put into empty container which can be sealed up.

### 6.4 Reference to other sections:

- See Section 8 for personal protective equipment. For waste disposal, see Section 13.

## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

#### Exposure prevention for the operator:

- Wear protective mentioned in the section "Exposure controls/personal protection" and avoid to contact with skin, mucous membrane, clothing and eye.
- Gargle and wash hand and face after handling.
- Keep away from flame, sparks or heat and prevent evaporation.
- Keep container sealed after use.

#### Cautions

- Handle in well ventilated place.
- No fire
- Keep good ventilation.
- Aware and use local exhaust devise in case of the indoor handling.
- If dust is generated, the local exhaust ventilation should be set up.
- Do not handle it if you do not use the device or machine which can be sealed up or if you can not use the local exhaust ventilation.
- Aware and use ventilation in case of the indoor handling.
- Avoid rough handling because of it generate dust easily.
- Don't handle container roughly like turning sideways, falling down, trailing on ground and

shocks.

- Attention to being very slippery by dissolving when it get wet by water.

## 7.2 Conditions for safe storage, including any incompatibilities

- The matter of the description in the clause "6. Accidental release measures" should be prepared in preparation for leaking.

### Suitable storage conditions:

- Keep container tightly sealed and Keep it in the place where direct sunshine should not strike.
- No fire
- Keep away from flame, sparks or heat and prevent evaporation.
- Put the product into the drum which can be sealed and store in cool and well ventilated place (cool dark place etc.) and avoid the direct sunlight and rain.

### Should be avoided storage conditions:

- The place with fire and heat source.
- The place where direct sunshine strikes.
- The place in which getting wet and water leaking.

### Materials for packaging

- Recommendable :
- Container which can be sealed.
  - Antistatic container.

## 7.3 Specific end use(s)

Recommendations : • Not available

Industrial sector specific solutions : • Not available

## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters:

Components with workplace control parameters

Product: Not established.

### 8.2 Exposure controls

#### Appropriate engineering controls:

- Handle it in where general ventilation device is set up.
- If dust will be generated, need to set up local exhaust ventilation.
- Shower, washroom, and the eye washing equipment should be installed near the handling place and the position is displayed plainly.

#### Individual protection measures:

Hygiene measures: • Wash hand and face and gargles after handling.

Eye/Face protection: • Wear normal protective glass

Skin protection

Hand protection: • Wear protective (work) gloves.

Body protection: • Wear long sleeve work wear and protect apron.

Respiratory protection: • Wear dust respirator.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance: • White powder

Odor: • Almost odorless

Melting point: • 65~67 °C

Decomposition temperature: • Decomposition begins from ca. 150 °C.

Flash point: • Over 200 °C.

Ignition point: • Unmeasured

Specific gravity: • 1.16~1.26

Solubility: • Water: dissolve in at any ratio

Bulk Density: • Ca. 0.3~0.4

### 9.2 Other information: • No additional information

## SECTION 10. Stability and reactivity

- |      |                                     |                                 |
|------|-------------------------------------|---------------------------------|
| 10.1 | Reactivity:                         | • Not available                 |
| 10.2 | Chemical stability:                 | • Stable during normal handling |
| 10.3 | Possibility of hazardous reactions: | • Not available                 |
| 10.4 | Conditions to avoid:                | • Not available                 |
| 10.5 | Incompatible materials:             | • Not available                 |
| 10.6 | Hazardous decomposition products:   | • No information.               |

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

#### Product

- At present, there is no toxicity data and knowledge about this product itself.
- Each hazardous classification of this product is judged based on the value which calculated from the each hazardous data of the ingredients.

#### Reference:

- The measurement example as ALKOX  
【Acute toxicity】  
Oral mouse LD50: over 3,000mg/kg(The test result by analysis agency.)  
【Skin corrosivity/Irritating】  
OPPTS 870.2500 / OECD 404 rabbit: not irritating.(The test result by analysis agency.)  
【Mutagenic germ cell 】  
Ames test: negative

## SECTION 12. Ecological information

- |      |   |                            |
|------|---|----------------------------|
| 12.1 | <b>Toxicity:</b>                                | • No knowledge at present. |
|      | Additional ecological information               |                            |
|      | BOD   | 2mg/L                      |
|      | CODMn   | 850mg/L                    |
|      | Measured internal value for 1g/L water solution |                            |
| 12.2 | <b>Persistence and degradability:</b>           | • No knowledge at present  |
| 12.3 | <b>Bio accumulative potential:</b>              | • No knowledge at present  |
| 12.4 | <b>Possible environment impact:</b>             | • No knowledge at present  |

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

#### Chemicals:

#### Methods of disposal:

- Consign disposal to industrial waste disposal services certified by prefectural governors.

#### Packing:

#### Used empty containers and packagings:

#### Methods of disposal:

- Consign disposal to industrial waste disposal services certified by prefectural governors.

## SECTION 14. Transport information

- |      |                          |                  |
|------|--------------------------|------------------|
| 14.1 | UN number:               | • Not regulated  |
| 14.2 | UN proper shipping name: | • Not applicable |
| 14.3 | Transport hazard class:  | • Not applicable |
| 14.4 | Packing group:           | • Not applicable |
| 14.5 | Environmental hazards:   | • Not applicable |

**14.6 Special precautions for user:**

- When transport this product, make sure that there is no leakage, damage, corrosion on container and while loading, don't rolling slid way, fall to the ground, damage on container.
- The load shifting is surely prevented.
- No fire
- Refer the clause "7. Precautions for handling and storage" and To prevent damage on container, avoid contacting water and rough handling.

<b>SECTION 15. Regulatory information</b>
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**15.1 Safety, health and environmental regulations specific for the product:**

**TSCA:** This product is listed on TSCA.

**15.2 Chemical safety assessment:** · Not available

<b>SECTION 16. Other information</b>
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**16.1 The date of preparation:** January 15, 2016

**The date of Revision:** March 21, 2020

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The information described herein will be revised in accordance with new knowledge. Although the information stated herein is based on our latest knowledge, they are not to be construed as guarantee of the completeness or correctness of the information. As there may be any toxicity in chemical product that are still unknown, it is necessary to handle with scrupulous care. Fitness of this product should be decided by user's responsibility. File this sheet in order for workers to read freely.  
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