

# Material Safety Data Sheet

## ZhengZhou Clean Chemical Co. Ltd.

Product: AOS/92 & AOS/35

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### 1、 Chemical Product and Company Identification

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|-----------------------|---|
| • Product             | Anionic Surfactant                                  |
| • Chemical Name       | Sodium Alpha-Olefin Sulfonate (AOS)                 |
| • Manufacturer's name | ZHENGZHOU CLEAN CHEMICAL CO., LTD.                  |
| • Address             | NO.59 DONGDA STREET,ZHENGZHOU,HENAN,CHINA<br>450000 |
| • Telephone Number    | +86-371-66611979                                    |



### 2、 Composition, Information on Ingredients

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|----------------------|--|
| • Chemical Structure | $RCH=CH(CH_2)_n-SO_3Na$ $RCH(OH)(CH_2)_n-SO_3Na$ |
| • Active Ingredient  | 92% or 35%                                       |

### 3、 Hazards Identification

- Skin Contact      No specific first aid measures are required because material is not expected to be harmful to skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean clothing and shoes before reuse. Dispose or incinerate at landfill if permitted.
- Oral Injection      It will not be expected to be harmful if swallowed. As a precaution, give the person a glass of water or milk to drink and get medical advice. In case of inhalation, move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continued.
- Eye Contact      Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least for 15 minutes. Get medical attention if irritation persist.

### 4、 First Aid Measures

- Eye      If accidental eye contact occurs, wash thoroughly with water and get medical care.

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- Skin Wash exposed skin thoroughly with soap and water.
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## 5、 Fire Fighting Measures

- Suitable Extinguishing Media Use dry chemical, sandy soil, chemical foam or carbon dioxide.
  - Exposure Hazards During Fire None
  - Special Protective Equipment Protective clothing and self-contained breathing equipment should be available for firefighters.
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## 6、 Accidental Release Measures

- Mix with inert material (eg. dry sand, vermiculite) and transfer to sealed container for disposal.
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## 7、 Handling And Storage

- Storage Store in a cool, well-ventilated area. Keep away from heat and flame. Store in a tightly closed container. Incompatibilities: oxidants and food.
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## 8、 Exposure Controls, Personal Protection

- Exposure Controls The substance presents no explosive hazard.
  - Ventilation Local exhaust is required.
  - Protection Clothing No protective clothing is normally required.
  - Eye Protection Chemical Worker's goggles are required if engineering controls or work practices are not adequate to prevent eye contact.
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## 9、 Physical and Chemical Properties

- Appearance White or light yellow powder(AOS/92)  
Light yellow liquid (AOS/35)
  - Odor Mild
  - Solubility Hardly soluble in water, practically soluble in acetone, practically soluble in ethanol.
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## 10、Stability and Reactivity

- Stability In the closed-up flash point test,  $fp > 80^{\circ}\text{C}$ , so the substance does not belong to flammable liquid.
- Reactivity The substance does not react vigorously with reducing agent, so it does not belong to oxidizing substances.

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## 11、Toxicological Information

- The substance does not belong to toxic substances.

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## 12、Ecological Information



- No information available.

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## 13、Disposal Considerations

- Disposal Method Contact local environmental or health authorities for approved disposal of this material. In case of small amount, rinses with water.
- Spill or Leak In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.

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## 14、Transport Information

- The substance is not subject to IMO DGR.

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## 15、Regulatory Information

- No information available.

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## 16、Other Information

- The above information is given in good faith, but no guarantee. It is intended to describe our products from point of view of safety requirements.
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