

# MATERIAL SAFETY DATA SHEET

## 1. Chemical Product and Supplier Identification

Product Name: Oxysol

Manufacturer: Shangyu Jiehua Chemical Co., Ltd.  
Sanpeng Bridge, Baiguan Town  
Shangyu City, Zhejiang Province, China 312351

USA Branch:  
Kingsfield Inc./Shangyu Chemical USA  
1 Dewolf Rd. Suite 210  
Old Tappan, NJ 07675  
Tel: 201-767-0414

Effective Date: September 1, 2013

## 2. Composition/Information on Ingredients

CAS No.	Chemical Name	Range (%)
7757-82-6	Sodium Sulphate	40
SODIUM CARBONATE, 4A ZEOLITE, LAS(alkyl benzene straight chain)		

## 3. Hazards Identification

Potential Health Effects:

<u>General</u>	Eye or respiratory irritation.
<u>Inhalation</u>	Slightly irritating to the respiratory system.
<u>Eye Contact</u>	Moderate to severe eye irritation
<u>Skin Contact</u>	Prolonged or repeated skin contact may cause irritation
<u>Ingestion</u>	May cause burning in mouth, throat and stomach; nausea, vomiting and diarrhea. The esophageal lining may be damaged due to the potential of the product to be corrosive

## 4. First-Aid Measures

<u>General</u>	Ensure an eye bath and safety shower are available and ready for use.
<u>Inhalation</u>	Remove to fresh air. If irritation or breathing difficulty develops, get medical advice.
<u>Eye Contact</u>	Remove contact lenses. Rinse a gentle stream of lukewarm water for 15 minutes, holding eyelids open. Get immediate medical advice.
<u>Skin Contact</u>	Remove contaminated clothing and rinse skin with water for 15 minutes. If irritation develops, get medical advice. Launder contaminated clothing before reuse.
<u>Ingestion</u>	If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting. Get immediate medical advice.

## 5. Fire-Fighting Measures

Flash Point: Not flammable or combustible

Flammable Limit: Not applicable

# MATERIAL SAFETY DATA SHEET

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Auto Ignition Temperature: Does not self ignite  
Extinguishing Media: Treat for surrounding area  
Explosion Data: None  
Fire and explosion hazards: None

## 6. Accidental Release Measures

Person protective equipment: Respirator, gloves, goggles and/or face shield as needed

Material release or spill: Contain/dike spill to prevent environmental release

## 7. Storage/Handling

Storage: Keep out of reach of children. Store in a cool, dry place.

Precautions during handling and storage: Keep out of reach of children.

## 8. Exposure Controls/Personal Protection

Exposure Limits: Not determined  
Engineering Controls: Minimize inhalation exposure  
Eye Protection: Glasses/goggles  
Protective Clothing: Rubber gloves  
Respiratory Protection: NIOSH approved respiratory protection  
Other PPE: As required by employer code

## 9. Physical and Chemical Properties

Appearance: White powder  
Odor: None  
Physical state: Powder  
Boiling Point: Not applicable  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility in Water: Complete  
Evaporation rate: Not applicable  
pH: 10-11.5(1% solution)  
Viscosity: Not applicable  
Melting point: Not applicable  
% volatile by volume: Not applicable  
Partition coefficient: Not applicable  
Coefficient of water/oil distribution: Not applicable

# MATERIAL SAFETY DATA SHEET

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Specific gravity: Not applicable  
Cloud point: Not applicable  
Freezing point: Not applicable

## 10. Stability and Reactivity

Stability: Stable  
Incompatibility: None  
Conditions to avoid: Keep cool and dry  
Hazardous decomposition: None  
Hazardous polymerization: Will not occur

## 11. Toxicological Properties

Acute oral toxicity: Not determined  
Carcinogenicity: Not determined  
Reproductive toxicity: Not determined  
Teratogenicity: Not determined  
Mutagenicity: Not determined  
Toxicologically synergistic: Not determined

## 12. Ecological Information

Persistence and degradation: Not determined  
Toxicity: Not determined  
Other: Not determined

## 13. Disposal Considerations

Disposal method: Follow local, state and federal regulations.  
Container disposal: Follow local, state and federal regulations.

## 14. Transport Information

DOT Proper Shipping Name: Not hazardous  
DOT Hazard Class: Not applicable

# MATERIAL SAFETY DATA SHEET

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UN Number: Not applicable  
Packing Group: Not applicable  
DOT Technical Name: Not applicable  
Hazard Subclass: Not applicable  
Other Transport Information: Not hazardous for transport

## 15. Regulatory Information

TSCA: All components are listed  
DSL: Not determined  
OSHA Haz Com 29 CFR 1910.1200: MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)  
WHMIS Classification: Not determined  
CERCLA and SARA: Contains no listed components

## 16. Other Information

% Volatile Organic: 0%

Compounds (VOC's)

The information provided has been adapted from the manufacturer supplied MSDS.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from use of MSDS information.

## 17. MSDS Addendum

Typical use of product: Powdered laundry detergent. Add to washer as per label instructions.