

# MATERIAL SAFETY DATA SHEET

## 1-CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name **SULFONILE DS**  
Manufacturer Padideh shimi nili Co.  
Product Class Sulfo ester

## 2-COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Water	7732-18-5	60 - 62%
Disodium laureth (n=>3) sulfosuc	39354-45-5	30 - 35 %
Sodium sulfate	7757-82-6	2.5% max
Alcohols, C12-14, ethoxylated	68439-50-9	3.5% max

## 3-HAZARDS IDENTIFICATION

### Emergency Overview

May cause irritation to the eyes, skin, and respiratory system.

### Health Effects: Eyes

This product may cause irritation to the eyes.

### Health Effects: Skin

Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

### Health Effects: Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

## 4-FIRST AID MEASURES

### Eyes

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

### Skin

For skin contact flush with large amounts of water.If irritation persists, get medical attention.Immediately take off all contaminated clothing.Wash contaminated clothing before reuse.

### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air.If the affected person is not breathing, apply artificial respiration.If breathing is difficult, give oxygen.

### Ingestion

If the material is swallowed, get immediate medical attention or advice.

## 5-FIRE FIGHTING MEASURES

### **Extinguishing Media**

Use appropriate methods for combatting the surrounding fire.

### **Fire Fighting Equipment / Instructions**

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6-ACCIDENTAL RELEASE MEASURES

### **SPILL AND LEAK PROCEDURES**

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Stop leak if you can do it without risk. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

## 7-HANDLING & STORAGE

### **Handling Procedures**

Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### **Storage Procedures**

Avoid freezing or excessive heat.

## 8-EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Engineering Controls**

Use local exhaust ventilation.

### **Personal Protective Equipment: Skin**

Wear suitable protective clothing. Use impervious gloves.

### **Personal Protective Equipment: Respiratory**

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

### **Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

## 9-PHYSICAL & CHEMICAL PROPERTIES

<b>Boiling Point</b>	(> 100 °C), > 212 F
<b>Specific Gravity</b>	(8.6 lb/gal), 1.0337 g/ml
<b>Percent Volatile</b>	61 % (w/w)
<b>Vapor Pressure</b>	Not Determined or Unknown
<b>Vapor Density</b>	Estimated lighter than air.
<b>Viscosity</b>	200 cps @ 25 C
<b>Evaporation Rate</b>	Estimated slower than ethyl ether.
<b>RVOC</b>	0
<b>Pour Point</b>	27 F
<b>pH Value</b>	6 @ 10% H2O
<b>Freezing Point</b>	(-6.1 °C), 21 F

## 10-STABILITY & REACTIVITY

### **Chemical Stability**

Stable under normal conditions.

### **Incompatibility**

This product may react with strong acids or oxidizing agents.

### **Hazardous Decomposition**

Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

### **Hazardous Polymerization**

Will not occur.

## 11-TOXICOLOGICAL INFORMATION

### **Carcinogenicity**

Not available.

### **Sodium sulfate**

**7757-82-6**

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: >10000 mg/kg

### **Disodium laureth (n=>3)**

**39354-45-5**

### **sulfosuccinate**

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 30800 µL/kg;  
Dermal LD50 Rabbit: >5 mL/kg

## 12- ECOLOGICAL INFORMATION

## 13-DISPOSAL CONSIDERATIONS

### Disposal Instructions

This substance, when discarded or disposed of, is not specifically listed as a "Hazardous Waste" in the Federal regulations; however it could be characteristically hazardous if it is considered toxic, corrosive, ignitable, or reactive according to Federal definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This substance could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. Check 40 CFR 261 to determine whether it is a hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262, 263, 264, 268 and 270 apply. Chemical additions, processing or otherwise altering this material may make the material management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this material must be conducted in compliance with all applicable federal, state, and local regulations.

## 14-TRANSPORT INFORMATION

**DOT Proper Shipping Name** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15-REGULATORY INFORMATION

### U.S. Federal Regulations

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### Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL), Europe (EINECS/ELINCS/Polymer/NLP), Japan (ENCS), Australia (AICS), Korea (ECL), China (EICSC 2003), Philippines (PICCS)

Reportable Quantity (RQ) of this product is 250000 pounds based upon Benzoic Acid (65-85-0) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product.

## 16-OTHER INFORMATION

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special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

<b>HAZARD RATINGS</b>	<b>HMIS</b>	<b>NFPA</b>
<b>Health</b>	1	1
<b>Flammability</b>	1	1
<b>Reactivity</b>	0	0
<b>PPE</b>		

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