

**SAFETY DATA SHEET**

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

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**Section I - Product & Company Identification**

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**Product identifier**

Product name : SUNSHINE  
Product form: Liquid  
Other means of identification: 0108

Relevant identified uses of the substance or mixture: Liquid detergent

**Details of the supplier of the safety data sheet**

Manufacturer:  
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150  
Phone: 816-472-5515

**Emergency telephone number**

Emergency number : CHEMTREC: 1-800-424-9300

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**Section II – Hazards Identification**

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**Classification**

Skin corrosion/ irritation (Category 1)  
Serious eye damage / eye irritation (Category 1)  
Carcinogenicity (Category 2)  
Specific target organ toxicity, repeated exposure (Category 2), Oral  
Acute aquatic toxicity (Category 2)  
Chronic aquatic toxicity (Category 2)  
Pictogram



**Signal Word**

**Danger**

**Hazard Statements**

Causes serious skin burns and eye damage  
Suspected of causing cancer.  
May cause damage to organs (Kidney, liver, blood) through prolonged or repeated exposure if swallowed.  
Toxic to aquatic life with long lasting effects.

### **Precautionary Statements – Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dusts/fume/gas/mist/vapors/spray.

Avoid release to the environment.

### **Precautionary Statements - Response**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**IF ON SKIN:** Wash with plenty of soap and water. If irritation occurs get medical advice/attention. Take off contaminated clothing and wash before using.

**IF SWALLOWED:** Rinse mouth, Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

**IF INHALED:** Call a POISON CENTER or doctor/physician if you feel unwell.

**IF EXPOSED OR CONCERNED;** Get medical advice/attention.

### **Precautionary Statements - Storage**

Store locked up.

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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## **Section III –Composition/Information on ingredients**

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Mixture

<b>Name</b>	<b>CAS #</b>	<b>Weight %</b>
Dodecylbenzenesulfonic acid	121-65-3	10-20
Sulfuric acid	7664-93-9	0.1-1
Triethanolamine	102-71-6	1-10
N,N-Diethanolamine	111-42-2	0.1-1

Any concentration shown as a range is to protect confidentiality or is due to process variation.

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## **Section IV – First Aid Measures**

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### **First Aid Measures**

**Inhalation:** Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

**Eye Contact:** **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately consult a physician.

**Skin Contact:** Remove contaminated clothing, wash skin with soap and plenty of water. Get medical attention.

### **Most Important Symptoms and Effects, both Acute and Delayed**

#### **Symptoms**

May cause skin burns and severe eye irritation with stinging, tearing, redness, swelling and blurred vision.

### **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians:** Treat symptomatically.

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## **Section V – Fire Fighting Measures**

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### **Suitable Extinguishing Media**

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a water jet as it may spread the fire..

### **Specific Hazards Arising from the Chemical**

Fire or excessive heat may produce hazardous decomposition products.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

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## **Section VI –Accidental Release Measures**

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

### **Methods and Material for Containment and Cleaning Up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment, municipal sewers.

**Methods for Cleaning Up:** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

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## **Section VII – Handling & Storage**

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### **Precautions for Safe Handling**

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

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**Section VIII – Exposure Controls/ Personal Protection**

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**Exposure Guidelines**

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH</b>
Dodecylbenzenesulfonic acid	121-65-3	No exposure limits	No exposure limits	No exposure limits
Sulfuric acid	7664-93-9	PEL; 1 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
Triethanolamine	102-71-6	5 mg/m <sup>3</sup>	No data available	No data available
N,N-Diethanolamine	111-42-2	TWA: 1 mg/m <sup>3</sup>	No data available	No data available

**Appropriate Engineering Controls**

**Engineering Controls:** Provide adequate ventilation, eyewash stations.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection:** Wear approved safety goggles and face shield where a splash hazard exists.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

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**Section IX – Physical & Chemical Properties**

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**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	liquid
<b>Color</b>	Yellow
<b><u>Property</u></b>	<b><u>Values</u></b>
pH	7-8.5
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	100 ° C (212 ° F)
Flash Point	None
Evaporation Rate	No data available
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.02
Water Solubility	Soluble in Water

Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Fruity aroma
Odor Threshold	No data available

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### Section X – Stability & Reactivity

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**Reactivity**

No data available.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

No data available

**Conditions to Avoid**

No data available

**Incompatible Materials**

Strong acids, oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides. Organic compounds which may be toxic.

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### Section XI - Toxicological information

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**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation:** Avoid breathing vapors or mists.

**Eye Contact:** Causes serious eye damage

**Skin Contact:** Avoid contact with skin.

**Ingestion:** May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Dodecylbenzenesulfonic acid	121-65-3	No data available	No data available	No data available
Sulfuric acid	7664-93-9	2140 mg/kg (Rat)	No data available	347 mg/l, 1 h (Rat)
Triethanolamine	102-71-6	>4000 mg/kg(Rat)	>2000 mg/kg (Rabbit)	Not determined
N,N-Diethanolamine	111-42-2	710 mg/kg (Rat)	12200 mg/kg (Rabbit)	No data available

Chemical Name	Dodecylbenzenesulfonic acid	Sulfuric acid
Skin corrosion/irritation	skin irritation	skin irritation
Serious eye damage/irritation	Serious eye damage	Serious eye damage
Respiratory or skin sensitization	No data available	No data available
Mutagenicity	No data available	No data available
Carcinogenicity	Not considered a carcinogen by IARC, ACGIH, NTP or OSHA	Considered carcinogen by IARC and NTP
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	Not classified	Not classified
Specific target organ toxicity-repeated exposure	Not classified	Not classified
Aspiration hazard	No data available	No data available

Chemical Name	Triethanolamine	N,N-Diethanolamine
Skin corrosion/irritation	skin irritation	skin irritation
Serious eye damage/irritation	Serious eye damage	Serious eye damage
Respiratory or skin sensitization	Negative	No data available
Mutagenicity	Negative	No data available
Carcinogenicity	Questionable to humans	IARC: Group 2B ACGIH: A3
Reproductive toxicity	May cause in high doses.	No data available
Specific target organ toxicity-Single exposure	Not a toxicant	Not classified
Specific target organ toxicity-repeated exposure	May cause damage to organs.	Not classified
Aspiration hazard	No data available	No data available

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity:** This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. Sulfuric acid, Diethanolamine

**Numerical Measures of Toxicity:** Not determined

**Section XII - Ecological information**

**Ecotoxicity**

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Dodecylbenzenesulfonic acid	121-65-3	No data available	No data available	EC50 Water flea 4.66-6.83 mg/l, 48 h
Sulfuric acid	7664-93-9	No data available	Western mosquito fish 42 mg/l, 96 h	No data available
Triethanolamine	102-71-6	No data available	LC50 - Lepomis macrochirus (Bluegill) - 450 - 1,000 mg/l - 96 h	EC50 - Daphnia (water flea) - 609.98 mg/l - 48 h
N,N-Diethanolamine	111-42-2	ErC50 green algae 2.2 mg/l, 96 h	LC50 Pimephales promelas(Fathead minnow) 1460 mg/l, 96 h	EC50 - Daphnia (water flea) - 55 mg/l - 48 h

**Persistence and Degradability:** No data available

**Bioaccumulation :** No data available

**Mobility:** No data available

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**Section XIII - Disposal considerations**

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**Waste Disposal Method**

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

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**Section XIV - Transport information**

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**DOT Proper Shipping Description:**

**Bulk or Non-Bulk:** Not regulated as dangerous goods.

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**Section XV - Regulatory information**

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**SARA Title III Section 311/312 (40CFR370):** Acute, chronic health hazard

**SARA Title III Section 313 (40CFR372):** N,N-Diethanolamine, sulfuric acid

**RCRA Status (40CFR261.33):** No reportable components.

**TSCA Inventory Status:** Reported/included

**OSHA/NTP/IARC Carcinogen Status:** listed

**Canadian DSL Status:** Not reported/included

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:**

This material is known to contain chemicals currently listed as carcinogens or reproductive toxins.: Diethanolamine, Sulfuric acid.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dodecylbenzenesulfonic acid	Not regulated	Not regulated	Not regulated
Sulfuric acid	X	X	X
Triethanolamine	Not regulated	Not regulated	X
Diethanolamine	X	X	X

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**Section XVI - Other information**

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**HMIS ratings:** Health: 2 Flammability: 0 Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 12/15/2015 Other information: Author – EHS Administrator

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

**END OF SDS**