

SAFETY DATA SHEET

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

Section I - Product & Company Identification

Product identifier

Product name : SURE FOOT
Product form: Liquid
Other means of identification: 0209

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

Section II – Hazards Identification

Classification

Skin corrosion/irritation Category 2
Serious eye damage/Irritation Category 1
Chronic Aquatic hazard Category 3
Pictogram



Signal Word

Danger

Hazard Statements

Causes skin irritation.
Causes serious eye damage.
Harmful to aquatic life with long lasting effects

Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves//eye protection/face protection
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. Take off contaminated clothing and wash before reuse. If irritation occurs get medical advice/attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

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.

Section III –Composition/Information on ingredients

Mixture

Name	CAS No	Weight %
Nonylphenol, ethoxylated	127087-87-0	1-10
Glycolic acid	79-14-1	1-10
Other components non-hazardous or below reportable levels		90-99

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

Section IV – First Aid Measures

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 if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash victim with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

Mild skin irritation and serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Carbon oxides, gases hazardous to health may be formed.

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.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading.

Methods for Cleaning Up: Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not taste or swallow. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store in original tightly closed container. Store away from incompatible materials.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

No exposure limits noted for ingredients.

Appropriate Engineering Controls

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual Protection Measures, such as Personal Protective Equipment

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

Skin and Body Protection: Wear suitable chemical resistant clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Pink
<u>Property</u>	<u>Values</u>
pH	2.00-3.25
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	100 ° C (212 ° F)
Flash Point	> 100 ° C (> 212 ° F)
Evaporation Rate	Estimated slower than ethyl ether
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	Estimated heavier than air
Specific Gravity	1.01
Water Solubility	Soluble

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	Not an oxidizer
Odor	Lemon
Odor Threshold	Not Determined

Section X – Stability & Reactivity

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

Avoid contact with incompatible materials.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides, Organic compounds which may be toxic.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Harmful if inhaled.

Eye Contact: Causes serious eye damage.

Skin Contact: Causes skin irritation.

Ingestion: 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
Nonylphenol, ethoxylated	127087-87-0	>3,310 mg/kg(Rat)	>2,000 mg/kg(Rabbit)	No data available
Glycolic acid	79-14-1	2,040 mg/kg(Rat)	No data available	3.6 mg/l – 4 h (Rat)

Chemical Name	Nonylphenol, ethoxylated	Glycolic acid
Skin corrosion/irritation	Causes irritation	Corrosive
Serious eye damage/irritation	Causes serious eye damage	Causes serious eye damage
Respiratory or skin sensitization	Not a sensitizer	No data available
Mutagenicity	No data available	No data available
Carcinogenicity	Not classified as carcinogen	Not classified as carcinogen
Reproductive toxicity	Not expected to cause.	No data available
Specific target organ toxicity-Single exposure	Not classified	No data available
Specific target organ toxicity-repeated exposure	Not classified	No data available
Aspiration hazard	Not an Aspiration hazard	No data available

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

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Section XIII - Disposal considerations

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.

Section XIV - Transport information

DOT Proper Shipping Description:

Bulk & Non-Bulk: Liquid detergent, not regulated

Section XV - Regulatory information

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

SARA Title III Section 313 (40CFR372): No reportable components.

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

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: listed

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. Ethylene oxide (CAS# 75-21-8)

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Nonylphenol, ethoxylated	Not regulated	Not regulated	Not regulated
Glycolic acid	X	Not regulated	X

Section XVI - Other information

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

Indication of changes: Revision – 2

Date Sheet Prepared: 09/25/2015 Other information: Author – EHS Administrator

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