

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SULFATE-FREE SHAMPOO BASE

Description: Surfactant Concentrate

Product Code: 3770

Suggested Use: Shampoos, Soaps, and Cleaners

Restrictions on Use: N/A

Supplier: World of Aromas Inc.
1035 North Interstate 35E STE 217
Carrollton, Texas 75006

Telephone: 469 - 471 - 8934

Emergency Phone: INFOTRAC 1-800-535-5053
International 1-352-323-3500

2. HAZARDS IDENTIFICATION

Classification

GHS Classification: Skin Irritation (Category 2)
Eye Irritation (Category 2)

GHS Label Elements

Pictogram:



Signal Word: Warning

Hazard Statements: H315: Causes skin irritation
H320: Causes eye irritation

Precautionary Statements: P280: Wear protective gloves/protective clothing/ eye protection/ face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification: Health Hazard: 1
Flammability: 1
Physical Hazards: 0

NFPA Rating: Health Hazard: 1
Fire: 1
Reactivity Hazard: 0

Potential Health Effects

Inhalation:	Can be harmful if inhaled. Avoiding breathing vapors of the heated liquid.
Skin:	Can cause skin irritation.
Eyes:	Causes eye irritation.
Ingestion:	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Sodium Alpha Olefin Sulfonate	68439-57-6	10-30%
Cocamidopropyl Betaine	61789-40-0	10-30%
Cocamide DIPA	68855-69-6	5-10%
Glycerine	56-81-5	<2%
Sodium Chloride	7647-14-5	<2%
Water	7732-18-5	65-67%

Synonyms:

4. FIRST AID MEASURES

If Inhaled:	If symptoms are experienced, move person into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek emergency medical attention immediately.
Skin Contact:	If irritated, take off contaminated clothing and shoes immediately. Flush skin with plenty of soap and water for at least fifteen minutes. If irritation persists, consult a physician.
Eye Contact:	If irritated, flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. If irritation persists, consult a physician.
If Ingested:	Do NOT induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Flammability Overview:	Low flammability risk. Water solution.
Flash Point:	>100°C (212)°F
Extinguishing Media:	Use water fog, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.
Special Protective Equipment for Firefighters:	Wear a self-contained breathing apparatus (SCBA) for firefighting if necessary.
Hazardous Combustion Products:	Hazardous decomposition products under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Always ensure adequate ventilation.
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Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into the environment must be avoided.
Containment and Clean Up:	Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal. If assistance is needed, call emergency services.

7. HANDLING AND STORAGE

Safe Handling:	Use personal protective equipment. Always ensure adequate ventilation.
Safe Storage:	Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Limits**

Component	CAS Number	Exposure Limit	Basis
Glycerine	56-81-5	5 mg/ m ³	OSHA PEL (Respirable fraction)
		15 mg/ m ³	OSHA PEL (Total Dust)

Personal Protective Equipment

Eye Protection:	Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.
Hand Protection:	Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.
Skin Protection:	Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the work area where skin contact can occur.
Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.
General Controls:	Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear to Light Yellow
Odor:	Slight
Odor Threshold:	N/A
pH:	8-10 (solution)
Melting/Freezing Point:	0°C (32°F)
Boiling Point:	>100°C (212°F)

Flash Point:	>100°C (212°F)
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	>1 (air=1)
Specific Gravity:	1.04
Density:	8.65 lbs/gal
Solubility in Water:	Soluble
Partition Coefficient:	N/A
Autoignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	8000 cPs

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions and Materials to Avoid:	Strong oxidizing agents. Avoid Nitrous acids and other nitrosating agents.
Hazardous Decomposition Products:	Hazardous decomposition products under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component	CAS Number	Test	Toxicity
SULFATE-FREE SHAMPOO BASE	Mixture (See Section 3)	Oral LD50 (Rat)	>5000 mg/kg (Based on similar products)
		Dermal LD50 (Rat)	>5000 mg/kg (Based on similar products)
		Inhalation LC50	Not determined

Potential Health Effects

Inhalation:	Can be harmful if inhaled. Avoiding breathing vapors of the heated liquid.
Skin:	Can cause skin irritation.
Eyes:	Causes eye irritation.
Ingestion:	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
Signs and Symptoms of Exposure:	Irritation.
Chronic Effects of Long-term Exposure:	See below.
Carcinogenicity:	No components are known to be carcinogenic.

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Do not mix with Nitrous acids or other nitrosating agents to avoid the formation of Nitrosamines.

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Sodium Alpha Olefin Sulfonate	68439-57-6	Zebra fish	96 hr LC50 = 12-13 mg/L
Cocamidopropyl Betaine	61789-40-0	Daphnia magna	48 hr EC50 = 6.5 mg/L
Cocamide DIPA	68855-69-6	N/D	N/D
Glycerine	56-81-5	Rainbow trout	96 hr LC50 = >50,000 mg/L
Sodium Chloride	7647-14-5	Daphnia magna	48 hr EC50 = 340-470 mg/L

Ecological Effects

Persistence and Degradability:	No data available
Bioaccumulation Potential:	Not expected to bio-accumulate
Mobility in Soil:	No data available
Other Adverse Effects:	Possibly harmful to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Information	Not Regulated
Proper Shipping Name:	N/A
UN Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A
Reportable Quantity (RQ):	N/A
Marine Pollutant:	N/A
Note:	

15. REGULATORY INFORMATION

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US Federal

SARA 302 Components: None Listed
SARA 311/312 Hazards: Acute Health Hazard
SARA 313 Components: None Listed

TSCA Inventory: All chemicals listed

European Union

EC Inventory: All chemicals listed

State Regulations

CA Prop 65: None Listed

16. OTHER INFORMATION

SDS Version: 1.0
Revision Date: 02/13/2015
Supersedes: New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. World of Aromas shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

For product information or to re-order, call World of Aromas at 469 - 471 - 8934
