



ROSCO BUBBLE FLUID

MSDS Preparation Date: April 1, 2011

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name : **ROSCO BUBBLE FLUID**

Product Use : Bubble fluid

Chemical Family : Aqueous solution

Supplier's name and address:

Rosco Laboratories Inc.

52 Harbor View Avenue
 Stamford, CT, United States
 06902

24 Hr. Emergency Tel # : (800) 424-9300

HMIS Rating : * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

Health: 1 *Flammability:* 0 *Reactivity:* 0

WHMIS Classes:



Unregulated

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Water	7732-18-5	>50%	N/Av	N/Av	N/Av	N/Av
Sodium xylene sulfonate	1300-72-7	<1%	N/Av	N/Av	N/Av	N/Av
Benzenesulfonic acid, sodium salts	68081-81-2	1%	N/Av	N/Av	N/Av	N/Av

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Irritant. No special hazards with this product.

*****POTENTIAL HEALTH EFFECTS*****

Target organs : None reported by the manufacturer.

Routes of exposure : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES

Potential acute health effects :

Eyes: Contact can cause mild to moderate irritation.

Skin: Prolonged exposure can cause mild irritation or drying.

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Inhalation: Prolonged exposure can cause mild irritation of mucous membranes.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential chronic health effects

: None reported by the manufacturer.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Additional health hazards

: None reported by the manufacturer.

Potential environmental effects

: None reported by the manufacturer.

SECTION 4 - FIRST AID MEASURES

Inhalation : Remove to fresh air. If symptoms persist, call a physician.

Skin contact : Wash off with soap and plenty of water.

Eye contact : Rinse thoroughly with plenty of water. Lift upper and lower lids during flushing to ensure complete removal of chemical. If symptoms persist, seek prompt medical attention.

Ingestion : Drink plenty of water. Do not induce vomiting without medical advice. Consult a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability

: Not flammable water solution.

Flammability classification (OSHA 29 CFR 1910.1200)

: Not flammable.

Flash point

: Not available.

Flash point Method

: Not available.

Auto-ignition temperature : Not available.

Lower flammable limit (% by vol.)

: Not available.

Upper flammable limit (% by vol.)

: Not available.

Suitable extinguishing media

: Water. Carbon dioxide (CO2). Dry chemical. Foam.

Explosion data: Sensitivity to mechanical impact / static discharge

: None known.

Special fire-fighting procedures

: Water mist may be used to cool closed containers.

Hazardous combustion products

: None known or reported by the manufacturer.

Oxidizing properties

: None known or reported by the manufacturer.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear suitable protective clothing (see Section 8). Material is slippery on hard surfaces.

Environmental precautions : If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

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- Spill response/cleanup** : Evacuate personnel to safe areas. Restrict access to area until completion of clean-up. Contain spilled material. Recover free liquid or cover with inert absorbent material and place into appropriate container for disposal. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- Containment** : Recover free liquid or cover with inert absorbent material and place into appropriate container for disposal. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

SECTION 7 - HANDLING AND STORAGE

- Safe Handling procedures** : Wear personal protective clothing. Do not ingest. Avoid contact with skin and eyes. Keep containers tightly closed when not in use. Use with adequate ventilation.
- Storage requirements** : Store in a cool, dry, well-ventilated area. Inspect periodically for damage or leaks. Do not store near any incompatible materials (see Section 10). Store above 45°F. Keep away from heat. Keep container tightly closed when not in use. Keep away from children. Do not store near food, foodstuffs, drugs, or potable water supplies.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**Ventilation and engineering measures**

- : Insure adequate ventilation especially in confined areas.

Respiratory protection : None required under normal conditions. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised.

Skin protection : Wear protective gloves/clothing.

Eye / face protection : Tightly fitting safety goggles. If splashes are likely to occur wear a face shield.

Other protective equipment

- : Emergency showers and eyewash facilities should be nearby.

General hygiene considerations

- : Wash hands before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|--|---|---|--------------------------------|
| Physical state | : Liquid. | Appearance | : Clear or yellowish liquid. |
| Odor | : Soap odor. | Odor threshold | : Not available. |
| pH | : Not available. | | |
| Boiling point | : 100°C | Specific gravity | : 1.006(approximately) |
| Melting/Freezing point | : Not available. | Coefficient of water/oil distribution | : Not available. |
| Vapor pressure (mmHg @ 20° C / 68° F) | : Not available. | Solubility in water | : soluble |
| Vapor density (Air = 1) | : Est. lighter than air. | Evaporation rate (n-Butyl acetate = 1) | : Est. lower than ethyl ether. |
| Volatile organic Compounds (VOC's) (lbs/gal; g/l) | : Not available. | Volatiles (% by weight) | : Not available. |
| Viscosity | : Not available. | | |
| Special Remarks On Fire Hazards | : Not flammable under normal conditions of use. | | |

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SECTION 10 - REACTIVITY AND STABILITY DATA

- Stability and reactivity** : Stable under normal conditions.
- Hazardous polymerization** : Will not occur.
- Conditions to avoid** : No information available.
- Materials To Avoid And Incompatibility** : No information available.
- Hazardous decomposition products** : None under normal use.

SECTION 11 - TOXICOLOGICAL INFORMATION

<u>Ingredients</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>oral</u>	<u>dermal</u>
Sodium xylene sulfonate	N/Av	1000 mg/kg	N/Av
Benzenesulfonic acid, sodium salts	N/Av	N/Av	N/Av

- Toxicological data** : Prolonged contact may cause persistent irritation or dermatitis.
- Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive effects** : Not expected to have other reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans.
- Reproductive Effects** : Not expected to have other reproductive effects.
- Irritancy** : Eye irritation. Skin irritation.
- Sensitization to material** : Not expected to be a sensitizer.
- Synergistic materials** : None reported by the manufacturer.


SECTION 12 - ECOLOGICAL INFORMATION

- Environmental effects** : None known or reported by the manufacturer.
- Chemical fate information** : Material totally biodegrades under aerobic conditions of secondary waste water treatment systems
- Ecotoxicological** : Material is readily biodegradable in waste water treatment systems.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Handling for Disposal** : See Section 7 (Handling and Storage) section for further details.
- Methods of Disposal** : Contact waste disposal services. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules. Do not reuse container except for storage and shipment of the original product.

SECTION 14 - TRANSPORTATION INFORMATION

<u>Regulatory Information</u>	<u>UN Number</u>	<u>Shipping Name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>
TDG	None	Not regulated.	Not regulated	-None-	

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TDG Additional information	None.				
49CFR/DOT	None	Not regulated.	Not regulated	-None-	
49CFR/DOT Additional information	None.				
ICAO/IATA	None	Not regulated.	Not regulated	-None-	
ICAO/IATA Additional information	None.				
IMDG	None	Not regulated.	Not regulated	-None-	
IMDG Additional information	None.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.
 SARA Section 313: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical Constituents above de minimus concentrations.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Canadian Regulations:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian WHMIS Classification: Not regulated.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16 - OTHER INFORMATION

- Legend** : ACGIH: American Conference of Governmental Industrial Hygienists
 IARC: International Agency for Research on Cancer
 N/Ap: not applicable
 N/Av: not available
 NIOSH: National Institute of Occupational Safety and Health
 NTP: National Toxicology Program
 OSHA: Occupational Safety and Health Administration
- References** : Information obtained from sources including original supplier's Material Safety Data Sheet.

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<p><u>Prepared for:</u> Rosco Laboratories Inc. 52 Harbor View Avenue Stamford, CT, USA, 06902 Phone: (203) 708 8900</p>	 The Rosco logo features the word "rosco" in a bold, blue, sans-serif font. The letter "o" is replaced by a circular graphic composed of horizontal lines in various colors, including red, orange, yellow, green, and blue, creating a rainbow-like effect.
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DISCLAIMER OF LIABILITY

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