

Product Name: **No-Freeze Foaming Blue, Red, Yellow**
Product Numbers: **1370 (Blue), 1371 (Red), 1372 (Yellow)**

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Safety Data Sheet

24 Hour Emergency Phone: CHEMTREC 1-800-424-9300

Section 1. Product & Company Identification

Product Name: **No-Freeze Foaming Blue, Red, Yellow**
Product Numbers: **1370 (Blue), 1371 (Red), 1372 (Yellow)**

Product Description / Use: Colored Foaming Liquid Mixtures for car washes in winter.

Manufacturer: Cleaning Systems, Inc., 1997 American Blvd., P.O. Box 5606, De Pere, WI 54115-5606
Phone: 1-920-337-2175, Fax: 1-920-337-9410, www.cleaningsystemsinc.com

Section 2: Hazards Identification

Hazard Class: **Flammable Liquid 2, Acute Tox. 3, STOT SE 1** Signal Word: **Danger**



Hazard Statement(s): **H225: Highly flammable liquid and vapour. H301: Toxic if swallowed. H311: Toxic in contact with skin. H331: Toxic if inhaled. H315: Causes skin irritation. H319: Causes serious eye irritation. H370: Causes damage to organs.**

Precautionary Statement(s): **P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing. P210 - Keep away from heat, sparks, open flames and hot surfaces. - No smoking.**

P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. P260 - Do not breathe vapor.

Precautionary Statement Response: **P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or physician. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.**

Precautionary Statement Storage: **P235 - Keep cool.**

Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.**

Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Methanol	67-56-1	200-659-6	>90%	Flam. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 1, H370

Section 4: First Aid Measures

- Eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.
- Skin:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion:** Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Inhalation:** Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Section 5: Fire Fighting Measures

Suitable extinguishing Media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing Media: Do not use water jet.

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Hazards from the mixture: Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous decomposition products: Carbon dioxide, carbon monoxide.

Recommended Protective Actions: Promptly remove all people from the vicinity of the incident. No actions should be taken by untrained personnel. Use water spray to keep containers cool

Special Protective Equipment: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face piece in positive pressure mode.

Section 6: Accidental Release Measures

Personal Precautions: No actions should be taken that may involve personal risk without proper training.
Keep unnecessary personnel from the area. Do not touch or walk through the spill.
Shut-off all ignition sources. No smoking. Do not breathe vapor or mist. Provide adequate ventilation.

Environmental Precautions: Keep spills away from storm drains, surface water and soil.

Spills and Leaks:

Small spills - Stop leak if without risk. Rinse to drain.

Large spills - Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant.

Caution: Spills of this material may cause floor to become slippery

Section 7: Handling and Storage

Store in original container at temperatures below 30°C. (85°F)

NO SMOKING when handling or in the area of use. Keep away from sparks or flames.

Put on protective equipment. Wear appropriate respirator when adequate ventilation is not available.

Product is diluted for use as a foaming product in commercial self serve or automatic car wash applications during freezing conditions.

Section 8: Exposure Controls / Personal Protection

Ingredient Exposure Limits

Methanol

OSHA PEL

200 ppm TWA

ACGIH TWA

200 ppm

Personal Protection

Eyes: Wear Chemical Goggles

Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Respiratory: Good General Ventilation. Respirator in areas with poor ventilation.

Avoid being sprayed by product in the car wash.

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Section 9: Physical and Chemical Properties

Appearance: Blue, Red or Yellow methanol based solution.

Odor: Mild alcohol.

Odor Threshold: Not Determined.

pH full strength: Not determined

Freezing Point: -98°C (-144°F)

Initial Boiling Point: 64°C (148°F)

Flash Point: 15.6°C (80°F).

Evaporation Rate: Not determined.

Flammability: Flammable.

Vapor Pressure: 96 mm Hg at 20°C.

Vapor Density: 1.11 (Air = 1).

Specific Gravity: 1.0

Solubility in Water: Complete.

Partition coefficient: Not Determined.

Auto-Ignition Temperature: 464°C.

Decomposition Temperature: Not Available.

% Volatile (w/w): >95

Section 10: Stability and Reactivity

Stability: This is a stable material.

Conditions to Avoid: Avoid heat, flames or other sources of ignition.

Materials to Avoid: Keep away from strong inorganic acids, aluminum or lead, and oxidizing agents such as peroxides, or nitric acid.

Hazardous Polymerization will NOT occur.

Section 11: Toxicological Information

Acute toxicity: LC50 Oral Rat = 5600 mg/Kg.

Skin Corrosion / Irritation: This product is not corrosive to skin.

Serious Eye damage / Irritation: This product can be Irritating to eyes with direct contact.

Respiratory or Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available on this mixture.

Carcinogenicity: No data available on this mixture.

Reproductive Toxicity: No data available on this mixture.

STOST-Single Exposure: No data available on this mixture.

STOST-Repeated Exposure: No data available on this mixture.

Aspiration Hazard: No data available.

No toxicological data is available on this mixture. For information on ingredients, write to the address listed in Section 16 of this MSDS

Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. This product does not contain phosphates.

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Section 13: Disposal Considerations

Follow all Federal, State, and Local Regulations appropriate for this material.
Wastewater resulting from use of this product should be directed to a properly operating wastewater treatment facility.

Section 14: Transportation Information

D.O.T. Hazardous Material Class: Flammable Liquid, Methyl Alcohol, Class 3, PGII
UN Number: 1230

Section 15: Regulatory Information

EPA SARA Title III Section 312 (40CFR 370) Methanol is Title III reportable. Hazard Classification of ingredients: Flammable, Acute Health Hazard.
This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm: Methanol.

Section 16: Other Information

Hazard & Precautionary Statements in Section 2 are taken from the European CLP Directive.

HMIS Rating: 2-3-0

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Phone: 1-920-337-2175
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Cleaning Systems, Inc., P.O. Box 5606, De Pere, WI 54115-5606, U.S.A., Phone: 920-337-2175