

1. Product and Company Identification

Product Name	Foamy Rug & Upholstery Shampoo
CAS #	Mixture
Product Use	Dry Foam Carpet Shampoo
Manufacturer	Frank's Maintenance Products Inc. 1299 Strasburg Rd Kitchener, Ontario Canada N2R 1H2 Phone (519) 748-4433 Fax (519) 748-5397
CANUTEC	(613) 996-6666

2. Hazards Identification

Emergency Overview	WARNING COMBUSTIBLE LIQUID AND VAPOUR. MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause irritation.
Skin	May cause irritation.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Ingestion	May cause stomach distress, nausea or vomiting.
Target organs	Eyes. Respiratory system. Skin.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Potential environmental effects	Components of this product have been identified as having potential environmental concerns.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium lauroyl sarcosinate	137-16-6	3 - 7
Isopropanol	67-63-0	5 - 10
Sodium lauryl sulfate	151-21-3	7 - 13

4. First Aid Measures

First aid procedures	
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.

General advice

Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties	Combustible by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Water spray. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of sulphur.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Avoid contact with skin and clothing. Avoid contact with eyes. Avoid breathing vapours or mists of this product. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials. Keep away from heat and flame.

8. Exposure Controls / Personal Protection

Exposure limit values	Exposure limit values
Ingredient(s)	
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm
Sodium lauroyl sarcosinate	ACGIH-TLV Not established
Sodium lauryl sulfate	ACGIH-TLV Not established

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Wear safety glasses with side shields.
Hand protection	Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear.
Colour	Colourless
Form	aqueous solution
Odour	Fresh
Odour threshold	Not available
Physical state	Liquid
pH	9 ± 0.5
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	41 °C (105.80 °F) TCC
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulphur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Isopropanol	16970 mg/l/4h rat
Sodium lauroyl sarcosinate	Not available
Sodium lauryl sulfate	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Isopropanol	4396 mg/kg rat
Sodium lauroyl sarcosinate	2000 mg/kg rat
Sodium lauryl sulfate	1288 mg/kg rat

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.
ACGIH - Threshold Limit Values - Carcinogens	
Isopropanol	67-63-0 A4 - Not Classifiable as a Human Carcinogen
IARC - Group 3 (Not Classifiable)	
Isopropanol	67-63-0 Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	See below	
Ecotoxicity - Freshwater Algae - Acute Toxicity Data		
Isopropanol	67-63-0	96 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L; 72 Hr EC50 <i>Desmodesmus subspicatus</i> : >1000 mg/L
Sodium lauryl sulfate	151-21-3	72 Hr EC50 <i>Desmodesmus subspicatus</i> : 53 mg/L; 96 Hr EC50 <i>Desmodesmus subspicatus</i> : 30 - 100 mg/L; 96 Hr EC50 <i>Pseudokirchneriella subcapitata</i> : 117 mg/L; 96 Hr EC50 <i>Pseudokirchneriella subcapitata</i> : 3.59 - 15.6 mg/L [static]
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
Isopropanol	67-63-0	96 Hr LC50 <i>Pimephales promelas</i> : 9640 mg/L [flow-through]; 96 Hr LC50 <i>Pimephales promelas</i> : 11130 mg/L [static]; 96 Hr LC50 <i>Lepomis macrochirus</i> : >1400000 µg/L
Sodium lauryl sulfate	151-21-3	96 Hr LC50 <i>Pimephales promelas</i> : 8-12.5 mg/L [static] (fry); 96 Hr LC50 <i>Pimephales promelas</i> : 15-18.9 mg/L [static] (juvenile); 96 Hr LC50 <i>Pimephales promelas</i> : 22.1-22.8 mg/L [static] (adult); 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 4.3-8.5 mg/L [static]; 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 4.62 mg/L [flow-through]; 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 4.2 mg/L; 96 Hr LC50 <i>Brachydanio rerio</i> : 7.97 mg/L [flow-through]; 96 Hr LC50 <i>Brachydanio rerio</i> : 9.9-20.1 mg/L [semi-static]; 96 Hr LC50 <i>Lepomis macrochirus</i> : 4.06-5.
Ecotoxicity - Water Flea - Acute Toxicity Data		
Isopropanol	67-63-0	48 Hr EC50 <i>Daphnia magna</i> : 13299 mg/L
Sodium lauryl sulfate	151-21-3	48 Hr EC50 <i>Daphnia magna</i> : 1.8 mg/L
Persistence and degradability	Not available	
Bioaccumulation/accumulation	Not available	
Mobility in environmental media	Not available	
Environmental effects	Not available	
Aquatic toxicity	Not available	
Partition coefficient	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL)
Hazard class	3
UN number	UN1993
Packing group	III
Additional information:	
Special provisions	16



15. Regulatory Information

Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

Isopropanol	67-63-0	1 %
Sodium lauryl sulfate	151-21-3	1 %

WHMIS classification

Class B - Division 3 - Combustible Liquid, Class D - Division 2B

WHMIS status

Controlled

WHMIS labeling



Inventory Status

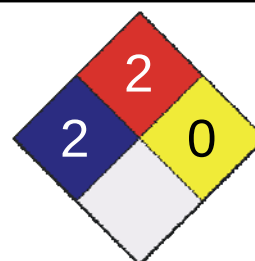
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 2
Flammability	2
Physical Hazard	0
Personal Protection	X



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

02-Nov-2011

Effective Date

01-Nov-2011

Expiry Date

01-Nov-2014

Prepared by
Other Information

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For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.