Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

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1. PRODUCT IDENTIFICATION

1.1 Product Identifier:

Trade Name (as labeled):	**Moist Sure Foaming Soap**
Part/Item Number:	95720

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use:	Hand Soap
Restrictions on Use:	Use only as directed

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name:	Sultan Healthcare
Manufacturer/Supplier Address:	1301 Smile Way York, PA, USA
Manufacturer/Supplier Telephone Number:	1-201-871-1232 or 800-637-8582 (Product Information)-
Email address:	customer.service@sultanhc.com

1.4 Emergency Telephone Number:

Emergency Contact Telephone Number:	800-535-5053 (INFOTRAC) 1-352-323-3500 (Outside the United States – Call Collect)

2. HAZARD(s) IDENTIFICATION

2.1 Classification of the Substance or Mixture

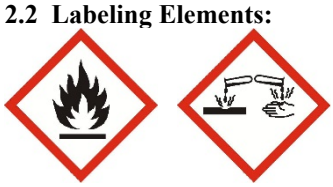
GHS SDS Classification

Health	Environmental	Physical
Eye Damage Category 1 H318 Skin Irritation Category 2 H315		Flammable Liquid Category 3 H226

EU Classification (1999/45/EC as amended):

EU Risk Phrases: R10

2.2 Labeling Elements:



Signal Word: Danger!

Hazard Statements	Precautionary Statements
H226 Flammable liquid and vapor. H315 Causes skin irritation H319 Causes serious eye damage.	P280 Wear eye protection if needed to avoid contact. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P332 + P313 If skin irritation occurs: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor. P370 + P378 In case of fire: Use water spray, carbon dioxide, alcohol foam or dry chemical to extinguish. P403 + P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None

3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.2 Mixture

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification 67/548/EEC (EC) No 1272/2008	WT %
Hexylene Glycol	107-41-5 / 203-489-0	2-methylpentane-2,4-diol	Xi R36/38 Eye Irrit 2 H319 Skin Irrit. 2 H315	10-15
1-Propanol	71-23-8 / 200-746-9	propan-1-ol	F, Xi R11, R41, R67 Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE 3; H336	6%

The exact concentration is being withheld as a trade secret.

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

4. FIRST-AID MEASURES

4.1 Description of First Aid Measures:	
Routes of Exposure	**First Aid Instructions**
Eye	Immediately flush eyes with large quantities of water for 15 minutes, holding the eyelids apart. Get immediate medical attention. .
Skin	No first aid should be required. If irritation occurs, discontinue use and get medical attention.
Inhalation	Remove the victim to fresh air. If breathing is difficult, have medical personnel administer oxygen. Get medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:
Causes severe eye irritation or burns. Permanent damage may occur. Prolonged skin contact may cause mild irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:
None required under normal conditions of use.
Note to Physicians (Treatment, Testing, and Monitoring): Treatment of overexposure should be directed at the control of symptoms and clinical conditions.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:	
Use water spray, carbon dioxide, alcohol foam or dry chemical. Water spray may be used to cool exposed containers.	
5.2 Special Hazards Arising from the Substance or Mixture:	
Combustion may produce oxides of carbon.	
5.3 Advice for Fire-Fighters:	
Fire Fighting Procedures:	Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus.
Precautions for Fire Fighters:	This product is flammable and forms explosive mixtures with air. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat.

Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

If large amount are spilled, wear appropriate eye protection.

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

6.2 Environmental Precautions:

Prevent large spills from entering sewers and water courses. Do not flush to sewer. Report releases as required by local and national authorities.

6.3 Methods and Material for Containment and Cleaning up:

For small spills, wipe up with a paper towel or cloth and rinse out or place in container for disposal. Rinse spill area with water. For large spill, collect using an absorbent material and place in appropriate container. Wash spill area with water. Use caution. Surfaces will be slippery.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handing:

Avoid contact with eyes. Avoid breathing vapors or mists.

7.2 Conditions for Safe Storage:

Store in a cool, dry area. Protect from physical damage.

7.3 Specific End Use (s): For professional use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Hexylene Glycol	United States	25 ppm Ceiling ACGIH TLV
	Germany	10 ppm TWA DFG MAK(inhalable fraction and vapor) 20 ppm STEL DFG MAK
	United Kingdom	25 ppm TWA, 25 ppm STEL
	France	25 ppm STEL
	Spain	25 ppm STEL
	Italy	None Established
	European Union	None Established
2-Propanol	United States	100 ppm TWA ACGIH TLV 200 ppm TWA OSHA PEL
	Germany	None Established
	United Kingdom	200 ppm TWA, 250 ppm STEL
	France	200 ppm TWA
	Spain	200 ppm TWA, 400 ppm STEL
	Italy	None Established
	European Union	None Established

Biological Exposure Limits: None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: General room ventilation will be adequate for normal use.

Individual Protection Measures (PPE)

Specific Eye/face Protection: Avoid eye contact.
Specific Skin Protection: None required.
Specific Respiratory Protection: None required with adequate ventilation.
Specific Thermal Hazards: Not applicable

Recommended Personal Protective Equipment:

EYES/FACE	SKIN	RESPIRATORY	THERMAL

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:			
Appearance:	Clear colorless to straw liquid	**Explosive limits:**	Not available
Odor:	Pleasant odor	**Vapor pressure:**	Not available
Odor threshold:	Not available	**Vapor density:**	Not available
pH:	6.0-6.8	**Specific Gravity: (H_2O = 1)**	1.014
Melting/freezing point:	Not available	**Solubility:**	Soluble in water
Initial boiling point and range:	Not available	**Partition coefficient: n-octanol/water:**	Not available
Flash point (CC):	135°F (55.5°C)	**Auto-ignition temperature:**	Not available
Evaporation rate:	Not available	**Decomposition temperature:**	Not available
Flammability:	Not applicable	**Viscosity:**	Not available
Explosive Properties:	Explosive vapor concentrations may collect in confined areas.	**Oxidizing Properties:**	None

9.2 Other Information: None available

10. STABILITY AND REACTIVITY

10.1 Reactivity: This product is not reactive under normal conditions of use.
10.2 Chemical Stability: Stable under normal conditions of use.
10.3 Possibility of Hazardous Reactions: Not expected to react.
10.4 Conditions to Avoid: Keep away from heat, sparks, flames and all other sources of ignition.
10.5 Incompatible materials: Avoid strong oxidizing agents.
10.6 Hazardous Decomposition Products: Thermal decomposition may produce carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: Vapors may cause eye irritation with redness, tearing and swelling.

Skin: Prolonged contact may cause irritation and drying of the skin.

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

Inhalation: Inhalation exposure will not occur in normal use. Inhalation of mists may cause nose and throat irritation.

Chronic Health Effects: Prolonged and/or repeated overexposure to 2 propanol may cause damage to the liver, and central nervous system based on animal data.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU Directives.

Mutagenicity: **2-propanol was negative in an in vitro** mammalian cell gene mutation assay and in an in vitro mammalian chromosome aberration test. Hexylene glycol was negative in an in vitro mammalian chromosome aberration test and in an in vitro mammalian cell gene mutation assay.

Medical Conditions Aggravated by Exposure: Persons with existing skin and respiratory disorders may be at increased risk from exposure.

Acute Toxicity Data: Acute Toxicity Value: Oral >11627 mg/kg, Dermal >11125 mg/kg, Inhalation 851 mg/kg/4 hr

2-Propanol: Oral rat LD50 5400 mg/kg, Skin rabbit LD50 4032 mg/kg, Inhalation rat LC50 > 33.8 mg/L

Hexylene Glycol: Oral rat LD50 >2000 mg/kg, Inhalation rat LC > 60 ml/m3 (saturated vapor concentration), Dermal rat LD50 >2000 mg/kg

Reproductive Toxicity Data: In a developmental study rats were administered 30, 300 and 1000 mg/kg of hexylene glycol by oral gavage. The LOAEL for maternal toxicity was 1000 mg/kg based on a slight weight gain. The LOAEL for fetoxicity was also 1000 mg/kg based on a slight delay in ossification, a greater number of fetuses with extra thoraco-lumbar ribs, and a slight decrease in fetal body weight. There was no evidence of teratogenicity up to 1000 mg/kg.

Specific Target Organ Toxicity (STOT):

Single Exposure: None known.

Repeated Exposure: In a 90 day repeat exposure study, rats were administered 50, 150 and 450 mg/kg of hexylene glycol. Effects included reversible liver and forestomach changes. The NOEL was 450 mg/kg.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

2-Propanol:: 96 hr LC50 Pimephales promelas 4555 mg/L, 48 hr LC50 Gammarus pulex 10000 mg/L

Hexylene Glycol: 96 hr LC50 Pimephales promelas 8690 mg/L, 48 hr EC50 daphnia magna 5410 mg/L

12.2 Persistence and Degradability:

2-Propanol and hexylene glycol are readily biodegradable.

12.3 Bio-accumulative Potential:

2-Propanol l has a BCF of 3 which suggests the potential for bioaccumulation in aquatic animals is low.

12.4 Mobility in Soil:
2-Propanol is expected to have very high mobility in soil.

12.5 Other Adverse Effects: No data available for product.

12.6 Results of PBT/vPvB Assessment: Not required

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Regulations: Dispose in accordance with local and national environmental regulations.

Properties (Physical/Chemical) Affecting Disposal: None known.

Waste Treatment Recommendations: None known.

14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT		Not regulated *			
ADR/RID		Not regulated *			
IMDG		Not regulated *			
IATA/ICAO		Not regulated *			

* This product was tested and does not sustain combustion (49 CFR 173.120)

14.6 Special precautions for user: None known

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the ingredients in this product are listed on or exempt from the EPA TSCA Inventory.

Clean Water Act (CWA): None listed

Clean Air Act (CAA): None listed

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard:	Yes	**Pressure Hazard:**	No
Delayed Hazard:	No	**Reactivity Hazard:**	No
Fire Hazard:	Yes		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S. #	WT %
None		

State Regulations

California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm**:**

Components	C.A.S. #	WT %
Ethylene oxide	75-21-8	trace
1,4 dioxane	123-91-1	trace

International Regulations

Canadian Workplace Hazardous Materials Information System (WHMIS): Class B - Division 3 (Combustible Liquid), Class D - Division 2 - Subdivision B - (Toxic material causing other toxic effects: Carcinogen)

EU REACH: This product is exempt from the EU REACH regulations.

16. OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:

F Highly Flammable
Xi Irritant
R11 Highly flammable
R36/38 Irritating to eyes and skin.
R41 Risk of serious damage to eyes.
R67 Vapors may cause drowsiness and dizziness.

Flam. Liq. 2 Flammable Liquid Category 2
Skin Irrit 2 Skin Irritation Category 2
Eye Dam 1 Eye Damage Category 1
Eye Irrit. 2 Eye Irritant Category 2

STOT SE 3 Specific Target Organ Toxicity (Single Exposure) Category 3
H225 Highly flammable liquid and vapor.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Date of SDS Preparation/Revision: 15 September 2014

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.