

Product Number: 9X9
Issuing Date: September 22, 2011

Product Name: Holiday Sugar Cookies Liquid Hand Soap
Revision Date: None

Revision Number: 0



VI-JON[®]

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Holiday Sugar Cookies Liquid Hand Soap
Item Number: 9X9
Recommended Use: Personal Care
Supplier Address: Vi-Jon, Inc.
8515 Page Avenue
Saint Louis, MO 63114
General Information Contact: Phone: 314-427-1000 (M-F 8am-4pm CST)
Email: info@vijon.com

In Case of Spill Emergency Contact: Chemtrec: 1-800-424-9300 (24-Hour)

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

May cause eye irritation

Appearance: Clear, light golden yellow **Physical State:** Slightly viscous liquid **Odor:** Sweet, caramel

Potential Health Effects

Primary Routes of Exposure

Skin contact. Eye contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

No known effect based on information supplied.

Inhalation

No known effect based on information supplied.

Ingestion

No known effect based on information supplied.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

None known.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	50-100
Sodium Laureth Sulfate	1335-72-4	0-10
Sodium Chloride	7647-14-5	0-10
Sodium Lauryl Sulfate	151-21-3	0-10

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4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash skin with soap and water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	250 C / 482 F
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards N/A
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Storage	Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Other Exposure Guidelines	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures	Showers Eyewash stations Ventilation systems
Personal Protective Equipment	
Eye/Face Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, light golden yellow	Odor	Sweet, caramel
Odor Threshold	No information available.	Physical State	Clear, slightly viscous liquid
pH	5.9		
Flash Point	482 F / 250 C	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	Explosion Limits	No information available
Water Solubility	Miscible in water.	Solubility	No information available
Evaporation Rate	No information available	Vapor Pressure	No data available
Vapor Density	No data available	VOC Content (%)	None expected

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	None known based on information supplied.
Conditions to Avoid	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	> 90 mL/kg (Rat)	-	-
Sodium Laureth Sulfate	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h
Sodium Chloride	3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Sodium Lauryl Sulfate	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h

Chronic Toxicity

Chronic Toxicity	No known effect based on information supplied.
Target Organ Effects	Eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium Laureth Sulfate	EC50: 3.59 - 15.6 mg/L (96 h static) <i>Pseudokirchneriella subcapitata</i> EC50: 30 - 100 mg/L (96 h) <i>Desmodesmus subspicatus</i> EC50: 117 mg/L (96 h) <i>Pseudokirchneriella subcapitata</i> EC50: 53 mg/L (72 h) <i>Desmodesmus subspicatus</i>	LC50: 9.9-20.1 mg/L (96 h semi-static) <i>Brachydanio rerio</i> LC50: 5.8-7.5 mg/L (96 h static) <i>Pimephales promelas</i> LC50: 22.1-22.8 mg/L (96 h static) <i>Pimephales promelas</i> LC50: 4.2-4.8 mg/L (96 h flow-through) <i>Lepomis macrochirus</i> LC50: 7.97 mg/L (96 h flow-through) <i>Brachydanio rerio</i> LC50: 10.2-22.5 mg/L (96 h semi-static) <i>Pimephales promelas</i> LC50: 4.5 mg/L (96 h) <i>Lepomis macrochirus</i> LC50: 13.5-18.3 mg/L (96 h semi-static) <i>Poecilia reticulata</i> LC50: 4.62 mg/L (96 h flow-through) <i>Oncorhynchus mykiss</i> LC50: 10.8-16.6 mg/L (96 h static) <i>Poecilia reticulata</i> LC50: 4.06-5.75 mg/L (96 h static) <i>Lepomis macrochirus</i> LC50: 6.2-9.6 mg/L (96 h) <i>Pimephales promelas</i> LC50: 8-12.5 mg/L (96 h static) <i>Pimephales promelas</i> LC50: 1.31 mg/L (96 h semi-static) <i>Cyprinus carpio</i> LC50: 4.2 mg/L (96 h) <i>Oncorhynchus mykiss</i> LC50: 15-18.9 mg/L (96 h static) <i>Pimephales promelas</i> LC50: 4.3-8.5 mg/L (96 h static) <i>Oncorhynchus mykiss</i>		EC50: 1.8 mg/L (48 h) <i>Daphnia magna</i>
Sodium Chloride		LC50: 5560-6080 mg/L <i>Lepomis macrochirus</i> 96 h flow-through LC50: 12946 mg/L <i>Lepomis macrochirus</i> 96 h static LC50: 6020-7070 mg/L <i>Pimephales promelas</i> 96 h static LC50: 7050 mg/L <i>Pimephales promelas</i> 96 h semi-static LC50: 6420-6700 mg/L <i>Pimephales promelas</i> 96 h static LC50: 4747-7824 mg/L <i>Oncorhynchus mykiss</i> 96 h flow-through		EC50: 340.7 - 469.2 mg/L (48 h Static) <i>Daphnia magna</i> EC50: 1000 mg/L (48 h) <i>Daphnia magna</i>

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Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium Lauryl Sulfate	EC50: 3.59 - 15.6 mg/L (96 h static) Pseudokirchneriella subcapitata EC50: 30 - 100 mg/L (96 h) Desmodesmus subspicatus EC50: 117 mg/L (96 h) Pseudokirchneriella subcapitata EC50: 53 mg/L (72 h) Desmodesmus subspicatus	LC50: 10.2-22.5 mg/L (96 h semi-static) Pimephales promelas LC50: 10.8-16.6 mg/L (96 h static) Poecilia reticulata LC50: 22.1-22.8 mg/L (96 h static) Pimephales promelas LC50: 6.2-9.6 mg/L (96 h) Pimephales promelas LC50: 7.97 mg/L (96 h flow-through) Brachydanio rerio LC50: 4.06-5.75 mg/L (96 h static) Lepomis macrochirus LC50: 4.3-8.5 mg/L (96 h static) Oncorhynchus mykiss LC50: 1.31 mg/L (96 h semi-static) Cyprinus carpio LC50: 5.8-7.5 mg/L (96 h static) Pimephales promelas LC50: 9.9-20.1 mg/L (96 h semi-static) Brachydanio rerio LC50: 13.5-18.3 mg/L (96 h semi-static) Poecilia reticulata LC50: 4.5 mg/L (96 h) Lepomis macrochirus LC50: 4.62 mg/L (96 h flow-through) Oncorhynchus mykiss LC50: 8-12.5 mg/L (96 h static) Pimephales promelas LC50: 15-18.9 mg/L (96 h static) Pimephales promelas LC50: 4.2-4.8 mg/L (96 h flow-through) Lepomis macrochirus LC50: 4.2 mg/L (96 h) Oncorhynchus mykiss	EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min	EC50: 1.8 mg/L (48 h) Daphnia magna

Chemical Name	Log Pow
Sodium Laureth Sulfate	1.6
Sodium Lauryl Sulfate	1.6

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

California Hazardous Waste Codes 561

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

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15. REGULATORY INFORMATION

International Inventories

TSCA	Exempt
DSL	Does not Comply
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

International Regulations

Mexico - Grade Minimum risk, Grade 0

Canada

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

WHMIS Hazard Class

Non-controlled

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16. OTHER INFORMATION

Issuing Date 22-Sep-2011
Revision Date None
Revision Note None

MSDS Prepared by WERCS Professional Services, LLC

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

Approved and Updated by Vi-Jon, Inc.

Disclaimer:

The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

Vi-Jon, however, makes no representation as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the information will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Vi-Jon be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information.

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made hereunder with respect to information or the product to which the information refers. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this MSDS. The ultimate compliance with federal, state or local regulations concerning the use of this compound, or compliance with respect to product liability, rests solely upon the purchaser thereof.

End of Safety Data Sheet