

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY DESCRIPTION

DOMINION SURE SEAL LTD.
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Emergency Phone Numbers:
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Product Name:
 Citrus Hand Cleaner
Product Code:
 GM10952312
Date Prepared: January 1, 2013

2. COMPOSITION/INFORMATION AND INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Vegetable Methyl Esters	68990-52-3	10 - 30	Not Available	Not Available	Not Available
Orange Terpenes	68917-57-7	5 - 10	Not Available	Not Available	Not Available

3. HAZARDS IDENTIFICATION

A. Emergency Overview: May cause eye irritation. Keep away from flames. May be harmful if swallowed; individual components are not considered hazardous by ingestion but are capable of producing gastrointestinal irritation and upset. Aspiration hazard.

Physical Appearance and Odor:
 White opaque gel with a fresh orange odor.

Warning Statements:

B. Potential Health Effects:

Acute Eye: Eye Irritation consistent with a soap and solvent containing product. May experience discomfort or pain, tear production, with redness and swelling of the conjunctiva.

Acute Skin: Not expected.

Acute Inhalation: Not expected

Acute Ingestion: Capable of irritation to the gastrointestinal tract with vomiting and diarrhea possible. Vomiting poses the risk of aspiration pneumonia due to solvent content of product.

Chronic Effects:
 No known Chronic Effects. Individual Ingredients not considered carcinogenic by NTP, OSHA or IARC.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE:

Eye Exposure: Immediately flush eyes with flowing water at least 15 minutes. Get medical attention if irritation persists.

Skin Exposure: Not Applicable

Inhalation: Not Applicable

Ingestion: Give water to dilute the substance, contact a physician IMMEDIATELY. Do not induce vomiting.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Irritant to broken skin.

NOTES TO PHYSICIAN: If product is swallowed possible aspiration pneumonia is a complication that may require prompt medical intervention similar to the treatment for ingestion of hydrocarbon solvents. This product exhibits a low human toxicity risk however.

5. FIRE FIGHTING MEASURES

Fire Hazard Data: Although product exhibits a flash point, the blended components which comprise this finished product do not sustain combustion (burning) in normal use due to the presence of non-flammable ingredients.

Flash Point: 49 deg. C (T.C.C. Method)

Flammability Limits (vol/vol%) **Lower:** **Upper:**
Not Available.

Extinguishing Methods: Dry Chemical, Foam or CO₂ if residual ingredients are burning following thermal decomposition.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Materials (Under Fire Conditions) : Oxides of Nitrogen, Sulfur, and Carbon may form as thermal decomposition products.

6. ACCIDENTIAL RELEASE MEASURES

Evacuation Procedures and Safety: No special evacuation requirements, breathing protection required when approaching containers under fire conditions.

Containment of Spill: If spill is large dike off, in a containment area and scoop up into disposal containers. Product is biodegradable and may be safely disposed of in a landfill or at an incineration facility. Residual product may be rinsed off to drains with water.

Cleanup and Disposal of Spills: Small spills may be wiped up with absorbent towels. Large spills should be contained absorbed and placed in suitable containers for disposal. Incinerate or landfill waste in a properly permitted facility complying with federal, state and or local regulations.

Environmental and Regulatory Information: Product is not subject to regulation in the USA. Product is completely biodegradable.

7. HANDLING AND STORAGE

Minimum/Maximum Storage Temperatures:

Handling: 40-120F (5-50C)

Storage: Between 40-120F (5-50C) in original containers. DO NOT FREEZE.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines: None applicable

Engineering Controls: None Required

Respiratory Protection: Not required.

Eye/Face Protection: None required, however, avoid direct eye contact.

Skin Protection: Not required.

8. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: White Opaque Gel

Odor: Mild Fresh Orange.

pH: 8.0 to 9.0 (8.8 is typical)

Specific Gravity: (H₂O=1) : 0.9 @ 20C

Water Solubility: Dissolves completely, forms stable emulsion at higher concentrations in water.

Melting Point Range: NA

Boiling Point Range: >-100C

Vapor Pressure: (mm Hg @ 68F) : No data.

Vapor Density: (Air=1) : No data.

9. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions To Be Avoided: Do Not Freeze!

Materials/Chemical To Be Avoided: Strong acids, oxidizing agents

The Following Hazardous Decomposition Products Might Be Expected:
Decomposition Type: Oxides of Nitrogen, Sulfur, and Carbon

Hazardous Polymerization: Will Not Occur.

10. TOXICOLOGICAL INFORMATION

Based on the known toxicity profile of the components utilized in its manufacture, this product is not known to be toxic at any concentration.

11. ECOLOGICAL INFORMATION

Ecotoxicological Information: Environmentally Non-Toxic

Chemical Fate Information: Influence of oxygen, microorganisms, and sunlight serve to biodegrade this product to inorganic salts (complete mineralization) conditions, carbon dioxide, and water. Oxygen is required for this biodegradation process. Oxygen will deplete from waters that have received a large amount of this product in its concentrated form

12. Disposal Information

Waste Disposal Method: Landfill or rinse to sewage treatment facility.

Container Handling and Disposal: Store in original containers, dispose as non-hazardous waste.

EPA Hazardous Waste: Not EPA Hazardous.

13. TRANSPORTATION INFORMATION

Proper Shipping Name:	Non regulated
UN Number:	Not applicable
Class or Division:	Not applicable
Sub Risk:	Not applicable
Packing Group:	Not applicable

14. REGULATORY INFORMATION

WHMIS Classification: B3, D2B

15. OTHER INFORMATION

Disclaimer: While Dominion Sure Seal Ltd, believes the data set forth herein are accurate as of the date hereof, Dominion Sure Seal Ltd. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.