

AMSOIL Material Safety Data Sheet

Date Issued/Revised: March 21, 2000
Supersedes: September 21, 1999

Section 1: Product and Company Identification

Manufacturer: AMSOIL, Inc.
925 Tower Avenue
Superior, WI 54880

Telephone: CHEMTREC (Spill Emergency Only): 1-800-424-9300
Information: 715-392-7101

| Product Code | LHC | LHN |
|--------------|---|--|
| Label Name | Biodegradable Citrus Based Hand Cleaner with Pumice | Biodegradable Citrus Based Hand Cleaner without Pumice |

Product Use PERSONAL HYGIENE

Section 2: Composition/Information on Ingredients

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

d-LIMOLENE, CAS# 5989-27-5 Mixture, appx. wt. =<1%

*See Section 8 for exposure limits.

Section 3: Hazards Identification

POTENTIAL HEALTH EFFECTS: Minor eye irritation.

*See Section 11 for toxicological information.

Section 4: First Aid Measures

EYE: Flush with water for 15-20 minutes. Seek medical attention if irritation develops.

SKIN: Not expected to require first aid measures. If irritation, reaction occurs wash using soap and water.

INHALATION: Not expected to require first aid measures.

INGESTION: If large amounts are swallowed, give water or milk and seek medical attention.

Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES:

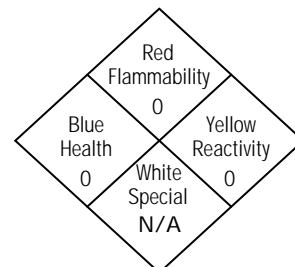
| | LHC | LHN |
|-------------|-----|-----|
| Flash Point | N/A | N/A |

Method Not Applicable
LFL/UFL..... Not Applicable
Auto-ignition Temperature Not Applicable

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam. and halon extinguishing

FIREFIGHTING EQUIPMENT: Recommended wearing a positive pressure self-contained breathing apparatus.
Water may be used to cool and protect exposed material.

ATC NFPA & HMIS Rating



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Section 6: Accidental Release Measures

Recover free product for recycle and/or disposal. Prevent entry into sewers and waterways..

Section 7: Handling and Storage

HANDLING: Avoid contact with eyes..

STORAGE: Keep away from heat or flame.

Section 8: Exposure Controls/Personal Protection

VENTILATION: None required under normal use.

RESPIRATORY: None under normal use. Use a NIOSH approved respirator when necessary.

SKIN: Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.

EYE: None under normal use, Use splash goggles or face shield where splashing is expected or can occur.

Section 9: Physical and Chemical Properties

| | LHC | LHN |
|----------------------------|-------------------------|---------------|
| Physical State | Grainy Liquid | Smooth Liquid |
| Boiling Point | Near 212 ° F(100 ° C) | |
| Freezing/Melting Point | 32 ° F(0 ° C) | |
| Vapor Pressure | Not Determined | |
| Vapor Density (Air=1) | Negligible | |
| Evaporation Rate | Not Determined | |
| Solubility in Water | Dispersible | |
| Specific Gravity (Water=1) | 1.000 | 1.000 |
| Density, lb./gal. | 8,328 | 8.328 |
| Volatility (Volume) | Negligible | |
| VOC | Unknown | |
| PH | 7.0 Essentially Neutral | |
| Odor | Mild Citrus | |
| Odor Threshold | Not Determined | |
| Appearance | Off-White Cream | |
| Viscosity, cSt @ 100°C | N/A | N/A |
| Viscosity, cSt @ 40°C | N/A | N/A |
| Viscosity Index | N/A | N/A |

Section 10: Stability and Reactivity

STABILITY: Stable under moderately elevated temperatures and pressures.

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: May produce fume when heated to decomposition.
Fumes may contain monoxide.

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Section 11: Toxicological Information

No toxicological information found relating to normal routes of exposure.

Section 12: Ecological Information

No data available on the adverse effects of this product on the environment

Section 13: Disposal Considerations

Material is not expected to be hazardous when disposed.

Section 14: Transport Information

Not regulated

Section 15: Regulatory Information

U.S. Federal Regulations

| | |
|--|----------------|
| OSHA | Not Applicable |
| TSCA | Not Applicable |
| CERCLA 40 CFR 302.4 | Not Applicable |
| SARA Title III | |
| Section 302 Extremely Hazardous | Not Applicable |
| California (Prop 65) | |
| Does not contain chemicals known to the state of California to cause cancer. | |

International Regulations

Canada: All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Japan MITI: All components have MITI and MOL numbers in Japan.

Australia: All components are in compliance with chemical notification in Australia.

Switzerland: All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Section 16: Other Information

The information and recommendations contained herein are, to the best of AMSOIL's knowledge and belief, accurate and reliable as of the date issued. AMSOIL makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and AMSOIL shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with AMSOIL's interpretation of the available data.

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