



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
UNITED 222 SUPER ORANGE JEL

USE/DESCRIPTION
Jelled Floor and Surface Cleaner

REVISION DATE
January 5, 2012

HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

PERSONAL PROTECTION: n & p



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
d-1,8(9)-p-menthadiene	5989-27-5	1 – 5	NE	NE	4400 mg/kg (Rat/oral)	NE

3. HAZARDS IDENTIFICATION

Eyes: Undiluted product causes irritation and burns.

Skin: Prolonged or repeated contact may cause irritation.

Inhalation: May cause headache, dizziness, and irritation of the respiratory system.

Ingestion: May cause burns to mouth, throat, and stomach. Harmful if swallowed.

4. FIRST AID MEASURES

Eyes: Flush with plenty of cool water for at least 15 minutes and call a physician or poison center immediately.

Skin: Wash with soap and water. If irritation persists, call a physician or poison center.

Inhalation: Remove to fresh air. If irritation persists, call a physician or poison center.

Ingestion: DO NOT induce vomiting. Drink large amounts of cold water to dilute and call a physician immediately. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon and other organic compounds.

Fire and Explosion Hazards: None known.

Extinguishing Media: Water, Dry chemical, Carbon dioxide, Foam.

Fire Fighting Instructions: Wear NIOSH-approved self-contained breathing apparatus w/full protective clothing. Cool fire exposed containers to prevent vapor pressure build up.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Spills up to one gallon should be diluted with plenty of water and flushed to the nearest wastewater drain. Rinse area thoroughly.

Large Spills: Soak up with an inert absorbent and place in designated disposal container. Rinse area thoroughly.

7. HANDLING AND STORAGE

Keep containers tightly closed. Wide temperature variations can affect the thickness of the gel. Store at temperatures between 50°F/10°C and 70°F/21°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety goggles are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: Not normally required.

Engineering Controls: Mechanical ventilation recommended when handling in enclosed/tight spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 1.026 (H2O=1) **Vapor Pressure:** ND **Melting Point:** ND
Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Complete **pH:** 11.5-13.0
Appearance and Odor: Bright orange gel with pleasant orange/pine scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: None.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of carbon and other organic compounds.

Chemical Stability: Stable

Incompatibility: Oxidizing agents such as bleach and acids.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Ground Transportation - Non-hazardous: pail/drum Cleaning, scouring or washing compounds, or soaps

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): <15% by weight

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

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

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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