



Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: Orange Glo Hardwood Floor Refinisher
HMIS codes: H 0, F 0, R 0, P ND

Supplier: Orange Glo International
PO Box 3998
Littleton, CO 80110 USA

MSDS preparation date: 10/06/2004
By: David Stott
MSDS Revision date: N/A
MSDS Reviewed: N/A

Emergency Phone: 303-740-1909
Poison Control (US): 1-800-222-1222
Transportation emergencies: ChemTrec 800-424-9300

Information Phone: 303-740-1909

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

General Description: Waterborne Urethane Wood Floor Maintenance Product

Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous

CAS #	Chemical name	%age range
34590-94-8	Dipropylene Glycol Monomethyl Ether	< 2
29911-28-2	Dipropylene Glycol n-Butyl Ether	< 2
872-50-4	N-Methyl-2-Pyrrolidone	< 2

Section 3: HAZARDS IDENTIFICATION

This product is a consumer product. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where use conditions and/or extent and duration of exposure differ from typical consumer use, however, appropriate protective measures to prevent eye and prolonged skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended.

General:
Emergency:
Primary Route(s) of Entry: Ingestion and Dermal.
Effects of Overexposure-
Inhalation: Not expected with normal use conditions.
Effects of Overexposure-
Ingestion: May cause gastrointestinal irritation.
Effects of Overexposure-Eyes: Irritation and pain on brief exposure
Effects of Overexposure-Skin: No adverse effects expected on intact skin. Contact on a burn or other wound likely to cause stinging pain or irritation.
Effects of Overexposure-Chronic Hazards: Not expected.

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Section 4:	FIRST AID MEASURES
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- Skin: Not expected to require first aid measures. Wash exposed area promptly with soap and water, consult physician if irritation develops.
- Eyes: Immediately flush eyes with cool running water for at least 15 minutes, being sure to get under the eyelid. Get medical attention at once.
- Ingestion: Have only conscious individuals drink several glasses of water to dilute.
- Inhalation: Note expected to require first aid measures. If individual has discomfort, remove to fresh air environment.

Section 5:	FIRE FIGHTING MEASURES
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Flashpoint and method used:	Over 200F (93C) PMCC	Flammable limit: (LEL)	N/A	Flammable limit: (UEL)	N/A
Auto-ignition temperature:	N/A				
Extinguishing media:	Foam, Carbon Dioxide, Dry Chemical				
Special fire-fighting protective equipment:	Always fight chemical fires with self contained breathing apparatus.				
Unusual fire and explosion hazards:	Closed containers may explode (due to the build-up of steam pressure) when exposed to extreme heat.				
Explosion data:	No explosion hazard expected.				

Section 6:	ACCIDENTAL RELEASE MEASURES
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Personal protective equipment:	None required
Material release or spill:	No special procedures required.
Other:	

Section 7:	HANDLING AND STORAGE
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Storage:	Store in a cool, ventilated area.
Precautions during handling and storage:	Keep from eyes.

Section 8:	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Exposure limits:	
Engineering controls:	Use adequate mechanical ventilation to maintain exposure below Threshold Limit Value (TLV).
Eye protection:	Splash proof safety glasses.



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Protective clothing: Impermeable gloves for more than incidental product use.
Respiratory protection: N/A
Other PPE: N/A

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White, milky liquid
Odor: Sweet, acrylic odor
Physical state: Liquid

Boiling point: > 212F (100C)
Vapor Pressure: N/D
Solubility in water: Miscible

Vapor density: Heavier than air
Evaporation rate: Slower than n-Butyl Acetate

pH: 8.5
Melting point: N/A
% volatile by volume: N/D
Partition coefficient: N/D
Coefficient of water/oil distribution: N/D

Viscosity: N/A
Specific Gravity: 1.01
Cloud point: N/D
Freezing point: N/D

Section 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of storage and use.
Incompatibility: None known.
Conditions to avoid: Extreme temperatures
Hazardous decomposition: None.
Hazardous polymerization: None.

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity: Non-toxic.
Carcinogenicity: None.
Reproductive toxicity/ Teratogenicity: None.
Mutagenicity: None.
Toxicologically synergistic products: N/D

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation: N/D
Toxicity: N/D
Other:

Section 13: DISPOSAL CONSIDERATIONS

Disposal method: Rinse small amounts to drain (sewer).
Container disposal: Rinse thoroughly, recycle if possible, otherwise landfill.

Section 14: TRANSPORT INFORMATION



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DOT proper shipping name:	Not regulated	DOT technical name:	N/A
DOT Hazard class:	N/A	Hazard subclass:	N/A
UN Number, proper shipping name:	N/A	Packing group:	N/A
Other Transport information:	Not hazardous for transport		

Section 15:	REGULATORY INFORMATION
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TSCA:	All components listed.
DSL:	All components listed.
OSHA Haz Com 29 CFR 1910.1200:	MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification:	No listed components.
CERCLA and SARA:	No listed components.

Section 16:	OTHER INFORMATION
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% Volatile Organic Compounds (VOCs) < 1%

Legend:	N.D. Not Determined	N.E. Not Established	N.A. Not Applicable
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The information provided has been adapted from the manufacturer supplied MSDS. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from use of MSDS information.



MSDS Addendum

Always follow label instructions and warnings. Typical use of product is a guideline only.

Typical Use of Product:	Hardwood floor refinisher.
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