



Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: Orange Clean Pro Multi-Purpose Cleaner & Degreaser RTU HMIS codes H F R P 0 0 0 A

Supplier: OGI Professional Products Division, PO Box 3998, Littleton, CO 80110 USA
Information Phone: 303-740-1909
Poison Control (US): 1-800-222-1222
ChemTrec: 800-424-9300

MSDS preparation date: 5 July 2002
By: L. Brown
MSDS Revision date: 4 september 2002
MSDS Reviewed: 4 september 2002

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

General Description: Ready to use citrus based degreaser and cleaner for hard surfaces
Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous.

CAS #	Chemical name	%/age range
8028-48-6	Orange Oil	0.5-3%
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Section 3: HAZARDS IDENTIFICATION

General: Eye Irritant
Emergency: ND
Primary Route(s) of Entry: Eye, skin contact
Effects of Overexposure-Inhalation: Not expected to be an inhalation hazard
Effects of Overexposure-Ingestion: Not expected to be an ingestion hazard
Effects of Overexposure-Eyes: May cause irritation
Effects of Overexposure-Skin: Prolonged contact may cause slight irritation
Effects of Overexposure-Chronic: None known
Hazards:

Section 4: FIRST AID MEASURES

- Skin: Wash with water. Call a doctor if irritation develops
- Eyes: Immediately flush with water for 14 minutes. Call a doctor if irritation persists
- Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or convulsing.
- Inhalation: Remove to fresh air. If symptoms persist, call a doctor.

Section 5: FIRE FIGHTING MEASURES

Flashpoint and method used: not flammable
Auto-ignition temperature: NA
Flammable limit: NA (LEL)
Flammable limit: NA (UEL)

Extinguishing media: Treat for surrounding material

Special fire-fighting protective equipment: None known



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Unusual fire and explosion hazards: None known

Explosion data: N.A.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment: Chemical splash goggles or safety glasses if exposure may occur

Material release or spill: Before attempting clean up, refer to data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Other: None

Section 7: HANDLING AND STORAGE

Storage: Store in closed container. Store away from incompatible materials

Precautions during handling and storage: None

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: NE

Engineering controls: General ventilation normally adequate

Eye protection: Chemical splash goggles or safety glasses if exposure may occur

Protective clothing: As required by employer code

Respiratory protection: Not needed

Other PPE: None

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless to pale yellow
Physical state: Liquid
Odor: Orange

Boiling point: 100 deg C
Vapor Pressure: ND
Solubility in water: Complete
pH: 7.5-8.5
Vapor density: =Air
Evaporation rate: =water
Viscosity: =water
Melting point: NA
Specific gravity: 1.0
Cloud point: ND
Freezing point: 0 deg C
% volatile: <1 %

Section 10: STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: Strong oxidizing agents (e.g. sodium hypochlorite, hydrogen peroxide)
Conditions to avoid: High temperature and freezing
Hazardous decomposition: None known
Hazardous polymerization: None known

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity: >5000 mg/kg



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Carcinogenicity: No components are listed as carcinogenic as per OSHA, IARC or NTP
Reproductive toxicity/ Teratogenicity: Contains no known components that have reproductive toxicity
Mutagenicity: ND
Toxicologically synergistic products: None known

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation: Not established, but contains components that are known to be biodegradable
Toxicity: NE
Other: --

Section 13: DISPOSAL CONSIDERATIONS

Disposal method: Dispose of in accordance with local, state and federal regulations.
Container disposal: Dispose of in accordance with local, state and federal regulations.

Section 14: TRANSPORT INFORMATION

DOT proper shipping name: Not regulated-non haz DOT technical name: NA
DOT Hazard class: NA Hazard subclass: NA
UN Number, proper shipping name: NA Packing group: NA

Section 15: REGULATORY INFORMATION

TSCA: All components are listed
DSL: All components are listed
OSHA Haz Com 29 CFR 1910.1200: MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification: D2B - eye irritant
CERCLA and SARA: Contains no listed components

Section 16: OTHER INFORMATION

% Volatile Organic Compounds (VOCs) <1.0%

Legend: N.D. Not Determined N.E. Not Established N.A. Not Applicable

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.