

ITW Permatex
Qualco Brand
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **QUALCO PRESSURIZED LOCK DE-ICER**
Product Type: **Lubricant**

This product appears in the following stock number(s):
10201VC (00201)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
2-PROPANOL 67-63-0	>50	200 ppm	400 ppm; 980 mg/m ³
CARBON DIOXIDE 124-38-9	<10	5000 ppm	5000 ppm; 9000 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. High concentrations may cause central nervous system (CNS) depression.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Repeated exposure may cause skin dryness or cracking.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
2-PROPANOL 67-63-0	>50		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977

Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person
Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
Skin Contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): 55°F (13°C)
Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Hazardous Products of Combustion: Oxides of carbon
Unusual Fire/Explosion Hazards: Flammable. Contents under pressure. Heated cans may burst.

Lower Explosive Limit: 2.0
Upper Explosive Limit: 12.7

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
Handling: Warning: Flammable. Do not use near heat, sparks or open flame. Do not puncture or incinerate container. Avoid contact with skin and eyes. Use in a well ventilated area. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Neoprene or nitrile gloves recommended
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: Alcohol
Boiling Point: 180°F (82°C)
Solubility in Water: Complete
pH: Not applicable
Specific Gravity: 0.786
VOC(Wt.%): >90%
Vapor Pressure: Not Determined
Vapor Density (Air=1): >1
Evaporation Rate: >1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur
Incompatibilities: Strong oxidizers
Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking
Hazardous Products of Combustion: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN/ID Number: UN 1950

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

15. REGULATORY INFORMATION

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 3, REACTIVITY 0

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 3, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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