

# DOOR LOCK DE-ICER

CTC# Q36-1550-0

## Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List) **QUALCO STK# 201**  
**LOCK LUBE & DE-ICER** 205  
Note: Blank spaces are not permitted, if any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name <b>QUALCO PRODUCTS COMPANY</b>	Emergency Telephone Number <b>(908) 322-2100</b>
Address (Number, Street, City, State, and ZIP Code) <b>137 SOUTH AVENUE</b>	Telephone Number for information <b>FAX# (908) 322-7043</b>
<b>FANWOOD, NJ 07023</b>	<b>1/5/2000</b>
	Signature of Preparer (optional) <b>JEAN CHIN</b>

### Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Isopropyl alcohol CAS 000067-63-0</b>	<b>400 ppm</b>	<b>400 ppm</b>		<b>44%</b>

### Section III — Physical/Chemical Characteristics

Boiling Point <b>178.212 Deg F</b>	Specific Gravity (H <sub>2</sub> O = 1) <b>0.902</b>
Vapor Pressure (mm Hg.) <b>33</b>	Melting Point <b>VOC=3.68 lb/gal</b>
Vapor Density (AIR = 1) <b>Heavier than air</b>	Evaporation Rate (Butyl Acetate = 1) <b>is faster</b>
Solubility in Water	

#### Appearance and Odor

**water white mobile liquid with an alcoholic odor**

### Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) <b>55 tag closed cup</b>	Flammable Limits	LEL <b>1.8%</b>	UEL <b>8.0%</b>
---	------------------	--------------------	--------------------

#### Extinguishing Media

**FOAM, Dry chemical, carbon dioxide**

#### Special Fire Fighting Procedures

**the use of self-contained breathing apparatus is recommended. Water may be unsuitable as an extinguisher but helpful in keeping other containers cool**

#### Unusual Fire and Explosion Hazards

**Keep away fire heat, sparks and open flames.**

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	XX	

Incompatibility (Materials to Avoid)  
**Strong oxidizing agents**

Hazardous Decomposition or Byproducts  
**Products of combustion will produce carbon dioxide and carbon monoxide**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XX	

**Section VI — Health Hazard Data**

Route(s) of Entry:                      Inhalation? **yes**                      Skin? **yes**                      Ingestion? **yes**

Health Hazards (Acute and Chronic)  
**Repeated or prolonged contact may cause dermatitis and conjunctivitis. Harmful or fatal if swallowed.**

Carcinogenicity:                      NTP? **no**                      IARC Monographs? **NO**                      OSHA Regulated? **NO**

Signs and Symptoms of Exposure  
**Inhalation: temp, dizziness, headache, nausea. Eye & Skin: may cause discomfort by the defatting action of solvents. Repeated contact may cause dermatitis.**

Medical Conditions Generally Aggravated by Exposure                      **see above**

**Emergency and First Aid Procedures**

**Remove patient to fresh air. Flush eyes with water for 15 minutes. Contact doctor. Ingestion: induce vomiting. Call doctor at once. Skin-Wash soap/water**

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

**Remove sources of ignition and provide ventilation. Provide respiratory protection. Large spills may be scooped up with non-sparking tools. Small with absorbent material. Place in closed container for disposal.**

Waste Disposal Method

**In accordance with local, state and federal regulation.**

Precautions to Be Taken in Handling and Storing

**Store in a cool place away from heat, sparks, open flame. Keep covered when not in use. Avoid prolonged skin contact.**

Other Precautions

**Ground containers when pouring. Limit free fall to a few inches to prevent static sparks. Do not cut, puncture or weld on or near empty container.**

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)		is high.	
Ventilation	Chemical cartridge respirator with an organic vapor cartridge if LEL or T	Local Exhaust	Special
		yes	Other
Protective Gloves		Eye Protection	
Neoprene rubber gloves		goggles or side shield spectacles	
Other Protective Clothing or Equipment			
a safety shower and eye bath should be readily available			
Work/Hygienic Practices			