

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 & Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity: RAECO CITRUS CLEANER

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Section I –

Raeco, Inc.
915 S. Carstens Place
P.O. Box 80545
Seattle, Washington 98108
(206) 763-1335

Section II - Ingredients

This product does not contain any hazardous components as defined by OSHA, 29 CFR 1910.12D0

Health Hazard	0 – Minimal
Flammability Hazard	2 – Moderate
Reactivity Hazard	0 – Minimal
Personal Protection	Goggles, Gloves

Section III – Physical Data

Boiling Point:	334°F
Specific Gravity (H ₂ O=1):	0.863 @ 25°C
Vapor Pressure:	<2 mm Hg (primary constituent)
Melting Point:	Liquid @ 25°C
Vapor Density (AIR=1):	>1
Evaporation Rate (H ₂ O=1):	<1
Solubility in Water:	Dispersible
Appearance & Odor:	Clear yellow liquid; citrus odor
pH:	7.5 – 8.5

Section IV - Fire & Explosion Hazard Data

Flash Point:	146°F (OCI/130° {PMCCC})
Flammable Limits:	LEL %: N/DUEL %: N/D
Extinguishing Media:	Dry Chemical, carbon dioxide or halon
Unusual Fire & Explosion Hazards:	None
Special Fire Fighting Procedures:	Use self-contained breathing apparatus. Do not use water.

Section V - Reactivity Data

Chemical Stability: Hazardous polymerization will not occur

Conditions to Avoid: Avoid use of any ignition sources near spill

Chemical Incompatibilities: Avoid contact with strong oxidizing agents

Hazardous Decomposition or Byproducts: Carbon Monoxide

Section VI - Health Hazard Data

Carcinogenicity: This product is not considered a carcinogen.

Medical conditions which may be aggravated by contact: Predisposition to allergic contact dermatitis

Primary entry route(s): Inhalation, skin contact, eye contact.

Signs and symptoms of exposure:

Eye contact: Causes irritation

Skin contact: Causes irritation

Inhalation: Prolonged inhalation of aerosol/vapor may result in drowsiness, headache and loss of coordination if used extensively in absence of general ventilation.

First Aid:

Eye contact: Flush eyes with copious amounts of water; see physician.

Skin contact: Wash skin with mild soap and water.

Inhalation: Move victim to fresh air.

Section VII - Precautions for Safe Handling & Use

Spill/Leak Procedures: Avoid use of any ignition source near spill. Contain with inert material or absorbent medium such as activated carbon or kitty litter.

Waste Management/Disposal: Hazardous substances cleaned with this product may be considered hazardous waste. Unused portions of this product must be disposed of as ignitable waste. Dispose of hazardous waste in accordance with all local, state and federal regulations.

Handling/Storage: Store in glass, tin-lined, stainless steel or epoxy-lined containers in well ventilated areas at temperatures below 130°F. Do not store in plastic. Store in closed containers to preserve quality. Store in closed containers away from heat or sources of ignition and oxidizing materials. Protect against physical damage to containers. Avoid contact with skin, eyes, and mucous membranes.

Keep out of reach of children

Section VIII - Control Measures

Personal Protective Equipment:

Eye protection: Goggles

Gloves: Impermeable gloves (nitrile)

Respirator: Not required in presence of good general ventilation. If conditions warrant, use NIOSH approved respirator.

Other: Avoid wearing clothes saturated with cleaner

Workplace Considerations:

Ventilation: General mechanical ventilation

Safety Stations: Emergency eye wash and shower stations