

CYCLO[®] INDUSTRIES, LLC

MATERIAL SAFETY DATA SHEET

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This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

SECTION 1 — PRODUCT IDENTIFICATION

Product Name: C-170, C-171, C-172, C-175, C-176, C-177, Cyclo[®] Citrus Lotion Hand Cleaner
(Smooth and Pumice)

Hazardous Material Description: DOT – Cleaner Freezable
IMDG – Soap in other forms, Non-Hazardous

HMIS Code: HEALTH=1 FLAMMABILITY=2 REACTIVITY=0

SECTION 2 — PHYSICAL DATA

Boiling Point: 186°F

Specific Gravity: 1.06

Vapor Pressure: Not tested

Vapor Density: Not tested

Solubility in Water: Soluble.

Reactivity in Water: Not reactive

pH: Not determined

Appearance and Odor: White lotion with citrus scent.

Volatile Organic Compound (VOC) (as packaged minus water):

Smooth Formula (C-170, C-171, C-172) = 6.6%

Pumice Formula (C-175, C-176, C-177) = 6.0%

SECTION 3 — HAZARDOUS INGREDIENTS

CAS Reg. No.	Material	Percentage	Exposure Limits
5989-27-5	d-Limonene	5 - 30	None Established
9016-45-9	Nonionic Surfactant	1 - 10	None Established
68439-50-9	Nonionic Surfactant	0 - 5	None Established
1310-73-2	Sodium Hydroxide	0 - 5	2 mg/m ³ = OSHA PEL
Not Available	*Pumice (as dust)	10 - 20	15 mg/m ³ = OSHA PEL 10 mg/m ³ = ACGHI TLV

* Applies to pumicized product only.

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: >145°F

Method Used: Pensky Martens CCT

Extinguishing Media: Use CO₂, dry chemical or foam.

Special Fire Fighting Procedures: Do not use water, treat as oil fire.

Unusual Fire and Explosion Hazards: None known.

SECTION 5 — HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: Mild stomach irritation.

Inhalation: Unlikely route of entry.

Skin Contact: None under normal conditions. Irritation following excessive use.

Eye Contact: Irritant

Acute: Irritation possible with excessive use.

Chronic: None known

Medical Conditions Aggravated by Exposure: None known

Chemical Listed as Carcinogen or Potential Carcinogen:

NTP=No

IARC Monographs=No

OSHA=No

First Aid Procedures:

Ingestion: Drink water to dilute. Do not induce vomiting. Consult physician.

Skin Contact: Rinse with water. Non-irritating under normal use.

Inhalation: Not applicable under normal use conditions.

Eye Contact: Irrigate with water for 15 minutes. Obtain medical attention.

SECTION 6 — REACTIVITY DATA

Stability: Stable Conditions to Avoid: None known

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur.

SECTION 7 — SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not Required Ventilation: Adequate for application.

Protective Gloves: Not required Eye Protection: Avoid contact with eyes.

Other Protective Equipment: Not required

Work/Hygienic Practices: Use regularly to clean hands.

SECTION 8 — SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled: Dike spill and absorb with non-flammable absorbent material.

Waste Disposal Method: Observe all federal, state and local regulations regarding proper disposal.

SECTION 9 — SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Store below 100°F (38°C).

Date: 4/20/00

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