

# MATERIAL SAFETY DATA SHEET

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## I - Product Identification

### Pummel

**PRODUCT CODE:** 0440

**CHEMICAL FORMULATION:** Citrus based grit hand cleanser

**NFPA HAZARD IDENTIFICATION SYSTEM:** HEALTH: 0

**FLAMMABILITY:** 1

**REACTIVITY:** 0

**HAZARD RATING:** 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
d-Limonene	1.00-10.0	N/E	N/E	Y	N	N	5989-27-5
Linear Alcohol Ethoxylate	1.00-5.00	N/E	N/E	N	N	N	34398-01-1

Key: **PEL:** Permissible Exposure Limit    **TLV:** Threshold Limit Value    **C:** Ceiling level    **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable    **N/D:** Not Determined    **N/E:** Not Established    **Y:** Yes    **N:** No  
**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
**355:** SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
**372:** SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

**BOILING POINT (°F):** N/D

**SPECIFIC GRAVITY (WATER = 1):** 0.998

**VAPOR PRESSURE (mm Hg):** N/D

**VOC CONTENT (% by weight):** 5.2

**VAPOR DENSITY (AIR = 1):** N/D

**EVAPORATION RATE (WATER = 1):** N/D

**SOLUBILITY IN WATER:** Miscible

**pH:** 6.5 – 7.5

**APPEARANCE AND ODOR:** Orange, opaque liquid; citrus fragrance.

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** > 200    **(TEST METHOD):** Closed cup

**FLAMMABLE LIMITS IN AIR (VOLUME %)**    **UPPER:** N/E    **LOWER:** N/E

**EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Use water spray to cool fire-exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** None.

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**V - Reactivity Data**

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**STABILITY:** Stable

**INCOMPATIBILITY:** Strong acids and oxidizing agents.

**CONDITIONS TO AVOID:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbons.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY**    **INHALATION:**                    **EYE CONTACT:** X                    **SKIN CONTACT:** X                    **INGESTION:** X

**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Moderate to severe irritation, redness, and tearing.

**IF ON SKIN:** Irritation with repeated or prolonged contact. Contains a possible sensitizer.

**IF SWALLOWED:** Gastrointestinal irritation, nausea, vomiting, and diarrhea.

**IF INHALED:** No hazards under normal use.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Wash with water.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting. Never give anything to an unconscious person.

**IF INHALED:** Remove person to fresh air.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and extinguish all sources of ignition. Soak up on inert absorbent and place in closed container for disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.

**VENTILATION**

**LOCAL:** Not required

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** None.

**EYE PROTECTION:** None.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place, away from heat or open flame.

Wash hands thoroughly after handling. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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