

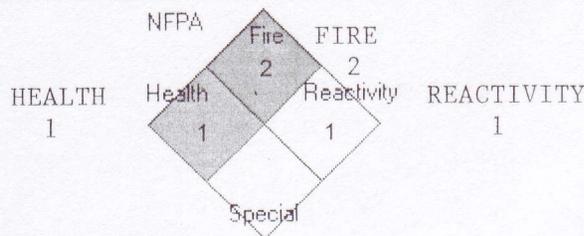
MSDS - Material Safety Data Sheet

Product Name: PURE CITRUS-GRAPEFRUIT

MSDS No.: NA226

I. Basic Information:

Manufacturer: NORTH AMERICAN OIL COMPANY
Address: 2200 MAY COURT
City, ST Zip: KENNESAW, GA 30144



Last Update: 1/1/04

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

| | | | |
|---|---|------------------|------------------|
| 1 | 1 | Health | HEALTH |
| 2 | 2 | Flammability | FLAMMABILITY |
| 1 | 1 | Reactivity | REACTIVITY |
| B | B | Pers. Protection | PERS. PROTECTION |

II. Ingredients:

| CAS No. | Chemical Name | % Range | EHS | NTP | IARC | SUB | Z 313 | SARA | OSHA | PEL | ACGIH | TLV | Other | Limits |
|---------|---------------|---------|-----|-----|------|-----|-------|------|------|-----|-------|-----|-------|--------|
| | Proprietary | | | | | | | | | | | | | |

III. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
 This product contains no hazardous ingredients.
 This product contains no carcinogens(NTP,IARC, or OSHA).

IV. First Aid Measures:

Route(s) of Entry:
 N/A

Health Hazards (Acute and Chronic):
 This product is a mixture for which no health hazard data exist. Food and Drug administration evaluation was GRAS. FEMA evaluation was GRAS.

Signs and Symptoms:
 Can cause eye and skin irritation.

Medical Conditions Generally Aggravated by Exposure:
 Eye and skin irritatnt.

Emergency and First Aid Procedures:
 Flush eyes with water until discomfort is relieved. Wash skin with soap and water.

Other Health Warnings:

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V. Fire Fighting Measures:

Flash Point: 116 Deg F **Lower Explosive Limit:** N/I **Upper Explosive Limit:** N/I
Fire Extinguishing Media: Carbon dioxide, foam or dry chemical.

Special Fire Fighting Procedures:

SCBA recommended. Do not use water, handle as an oil fire. Smother and exclude air.

Unusual Fire and Explosion:

Combustible liquid, keep away from heat, spark and open flame.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Treat spill with oil absorbent material. Remove mechanically, use rag and mop to clean up small spills. Caution: Slippery on floor.

VII. Handling and Storage:

Precautions to be Taken:

Store in full, tightly closed containers at refrigerated temperatures (less than 80 Deg F). Partially filled containers should be blanketed with nitrogen.

Other Precautions:

Clean up all spills. Partially filled containers should be blanketed with nitrogen.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local exhaust adequate.

Personal Protective Equipment:

Respiratory Protection: Optional depending on condition of use

Protective Gloves: Optional, not required.

Other Protective Equipment: Safety glasses or goggles.

Hygienic Practices: Wash hands and arms after handling.

IX. Physical and Chemical Properties:

Boiling Point: >349 **Melting Point:** N/A **Evaporation Rate:** Slow

Vapor Pressure (mm Hg.): N/I **Vapor Density (AIR = 1):** N/I

Solubility In Water: Insoluble

Appearance and Odor: Clear, grapefruit peel aroma

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

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Avoid temperatures over 116 Deg F.

Decomposition/By Products:

N/I

Hazardous Polymerization:

No

XI. Toxicological Information:

N/A

XII. Ecological Information:

N/A

XIII. Disposal Considerations:

Taking into consideration local authority regulations, waste may be incinerated or handles through EPA spill control plan via land fill or dilution.

XIV. Transport Information:**XV. Regulatory Information:****XVI. Other Information:**

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Emergency Telephone: CHEMTREC 800-424-9300

CHEMTREC International 703-527-3887 (outside US or Canada)