

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - PRODUCT INFORMATION and COMPANY IDENTIFICATION

Product Name: **CITRUS POWER**

Product Use: Liquid Detergent

Supplier: **Kemper Industries, Inc.**
P.O. Box 1172
2197 Stanton Rd.
Daphne, AL 36526

In Case of Emergency

CHEMTREC	800-424-9300
HANDLING	251-626-3083
TECHNICAL	866-536-4225

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

	Wt. %	
D-Limonene	< 96.0	CAS# 5989-27-5

SECTION 3 - HAZARDS IDENTIFICATION

Appearance: Clear orange liquid

Odor: Citrus

*** EMERGENCY OVERVIEW*** May cause eye irritation. May cause mild skin irritation.

Health Effects Eyes: May cause severe irritation to the eyes.

Health Effects Skin: Prolonged contact may cause drying, defatting, and dermatitis of skin.

Health Effects Inhalation: Inhalation of mists in small amounts is not likely to cause harmful effects.
Breathing large amounts may cause nose, throat, and respiratory tract irritation.

Health Effects Ingestion: Product is harmful if swallowed. Ingestion may cause vomiting, headache, and other medical problems.

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SECTION 4 - FIRST AID MEASURES

- Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention
- Skin:** For skin contact remove contaminated clothing, flush exposed area with large amounts of water. If irritation persists, get medical attention.
- Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
- Ingestion:** Seek medical attention immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Do not leave victim unattended. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

SECTION 5 - FIRE FIGHTING MEASURES

- Flash Point:** 120° F
- Flammable Explosive Limits:** Lower = 0.7% Upper = 6.1%
- Extinguishing Media:** CO₂ Dry Chemical Foam Water Fog
- Unusual Fire and Explosion Hazards:** Combustible liquid. Keep away from heat, sparks, or open flame.
- Special Fire Fighting Procedures:** SCBA recommended. Smother to exclude air. Do not use water.
- Protective Clothing:** Be sure to used an approved/certified respirator or equivalent.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Small Spill:** Absorb liquid on paper.
- Large Spill:** Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Spill should be absorbed by dirt, sand, or other suitable absorbent for disposal. Do not hose spills down drains, sewers, or waterways. D-Limonene may be toxic to aquatic organisms. Move leaking containers to well ventilated area. No smoking.
- Waste Disposal Method:** Incinerate or dispose in accordance with local, state, and federal regulations.

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SECTION 7 - HANDLING AND STORAGE

Handling: Do not take internally. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.

Storage: Avoid contact with incompatible chemicals. Store in tightly sealed, full containers.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation recommended.

Respiratory Protection: Where excess concentration of product is expected, a NIOSH approved air supplied respirator is advised in absence of proper environmental control.

Eye Protection: Splash proof, oil resistant goggles where possible eye contamination exists.

Skin Protection: Wear rubber gloves that are chemically resistant to this product.

Other Protective Clothing or Equipment: Wear boots, gloves, apron, etc. sufficient to prevent bodily contact. Eye bath, safety shower & washing facilities should be available.

Hygienic Practices: Avoid contact with eyes, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly after handling. Do not eat, drink, use tobacco products, chew gum or apply cosmetics in area where there is potential for exposure to this material.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 300 - 400°F
pH: N/A
Specific Gravity: .85
Freeze Point: N/A
Vapor Pressure: 1.0 mmHg
Evaporation Rate Medium/Fast
Solubility in Water: Emulsifies
Vapor Density: (Air = 1): 4.7

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Incompatibility: Strong oxidizing agents and acidic agents including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

Hazardous Decomposition: Smoke may be acrid and fume irritating.

Hazardous Polymerization: Will not occur.

Conditions to avoid: Avoid temperatures above 120° F

SECTION 11 - TOXICOLOGICAL INFORMATION

No product animal LD50 or LC50 information is available.

SKINTEX DATA: No information.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data is available on finished product.

Biodegradability: This product class is readily biodegradable.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with all local, state and federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not regulated for ground domestic shipments

DOT Technical Name: N/A

DOT Hazard Class: N/A

DOT UN/NA Number: N/A

SECTION 16 - OTHER INFORMATION

HMIS Rating: Health: 2 Flammability: 2 Reactivity: 0 Personal Protection: G

The information provided in this Material Safety Data Sheet is based on characteristics of the individual components, and is correct to the best of our knowledge. However, the data is provided without guarantee or representation as to the results. Since the conditions of handling, storage and disposal of this product are beyond our control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume full responsibility for loss, injury and expense arising out of the product's improper use. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any process.

Date: 01-17-10

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