

# Citrus Power

**Natural Orange Degreaser**

## **DESCRIPTION**

**Citrus Power** is made from natural citrus distillate and vegetable oil soap. It does not contain petroleum solvents. **Citrus Power** is excellent for removal of grease and oil from all surfaces. It is specially formulated to be used where harsh chemicals are not tolerated.

## **DIRECTIONS**

For grease removal, apply straight by brush, spray or cloth. Allow sufficient contact time before rinsing.

**Citrus Power** can be diluted with water as needed for steam cleaning, foam application, or mopping.

Do not use in food handling areas.

## **PHYSICAL DATA**

Appearance	Clear Liquid
Color	Orange
Odor	Citrus
Foam	Moderate
pH	Alkaline

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **CITRUS POWER**

WHMIS CODE: B3, D2B, E

Product Use: *Multi-purpose cleaner.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

### HMIS

3	Health
2	Flammability
0	Reactivity
B	Personal

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### EMERGENCY PHONE

Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>ALCOHOL ETHOXYLATE</b>	68439-46-3	1.0-5.0	N/A	N/A
LD50 (oral rat) 1376 mg/kg				
LD50 (dermal rabbit) >2 g/kg				
<b>d'LIMONENE</b>	5989-27-5	10.0-15.0	N/A	N/E
LD50 (oral rat) 4400 mg/kg				
LD50 (dermal) > 5000 mg/kg				
LC50 Not Available				
<b>POTASSIUM HYDROXIDE</b>	1310-58-3	1.0-5.0	N/A	2 ppm
LD50 (oral rat) 273 mg/kg				
LD50 (dermal) Not Available				
LC50 Not Available				
<b>Tetrasodium Salt of Ethylenediaminetetraacetic Acid</b>	64-02-8	1.0-5.0	N/A	N/A
LD50 (oral rat) 3030 mg/kg				
LD50 (dermal rabbit) >5000 mg/kg				
LC50 >100 mg/L				

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Orange, citrus odor.	<b>Boiling Point:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D	<b>pH:</b> 13.0 - 14.0
<b>Physical State:</b> Liquid.	<b>Melting Point:</b> N/A	<b>Vapor Density:</b> N/D	<b>Specific Gravity:</b> 1.02 @ 20°C
<b>Coeff. Water/Oil Dist:</b> Greater than 1.0	<b>Evaporation Rate:</b> N/D	<b>Solubility in Water:</b> Soluble	<b>Odor Threshold:</b> No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** 54°C (TCC)      **Sensitivity to Mechanical Impact:** None.      **Flammable Limits:** None known.

**Sensitivity to Static Discharge:** None.      **Auto ignition Temperature:** None known.

**Conditions of Flammability:** Excessive heat, sparks, open flames, and other sources of ignition.

**Extinguishing Media:** Water, dry chemical, carbon dioxide. Use Extinguishing media suitable for surrounding fires.

**Unusual Fire and Explosion Hazards:** Flammable hydrogen gas may liberate upon prolonged contact with sensitive metals (i.e. aluminum, zinc, etc.).

**Hazardous Combustion Products:** Carbon oxides may be liberated upon thermal decomposition.

**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.      **Hazardous Polymerization:** Will not Occur.

**Incompatibility (material to avoid):** Strong oxidizers and acids.

**Hazardous Decomposition Products:** Carbon oxides or irritating vapors liberated upon thermal decomposition.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.      **Routes of Entry:** Skin, eyes, inhalation.

**Irritancy of Product:** Corrosive to skin, eyes and respiratory system.      **Carcinogenicity:** None known.

**Sensitization:** None known.      **Mutagenicity:** None known.

**Name of Toxicological Synergistic Product:** None known.      **Reproductive Toxicity:** None known.

**Teratogenicity:** None known.

**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin irritation damage or dermatitis, and respiratory disorder.

**Effects of Acute Exposure to Product:** Product exposure may irritate skin and eyes. Prolonged inhalation of vapors or mists may irritate respiratory system. Ingestion may cause gastro-intestinal and abdominal discomfort.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** If product is misted or sprayed, or used in a confined area, use a NIOSH/MSHA approved dust/mist respirator.

**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.

**Protective Gloves:** Rubber gloves are recommended to minimize skin dryness from prolonged or repeated contact.

**Eye Protection:** Chemical goggles, safety goggles or face shield.

**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.

**Storage and Handling Procedures:** Use good industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.

**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.

**Waste Disposal Method:** Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.

**Special Shipping Information:** Store at temperatures below 30°C (86°F) and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:** If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

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LAST UPDATE: Dec. 29, 2014

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE