

Description

CITRUSGO combines the cleaning power of safe D-Limonene citrus oils with deep penetrating solvents to produce a useful and very versatile cleaner. The powerful grease cutting agents in **CITRUSGO** can be used as a prespray booster and directly as a spotting agent.

CITRUSGO works on a variety of spots such as lipstick, tar, gum, adhesive and some fresh paint and leaves a fresh, clean citrus scent.

pH: N/A

Meets specifications for use on stain resistant carpet.

Directions For Use

Vacuum carpet thoroughly before beginning the cleaning process.

Prespray Additive:

Add 1 – 2 ounces (30-60 mL) **CITRUSGO** per gallon (3.78L) of RTU prespray solution (1:128-1:64).

Spotting Agent:

Do not mix, use full strength.

Apply a minimal amount of **CITRUSGO** directly to the stained area with a flip cap applicator or by moistening a clean white towel and apply to carpet. Do not saturate the area. Using a tamping brush, tamp the affected area to agitate. Blot with clean white towel from the outside-in to prevent spreading the spot or stain. Flush the area with hot water extraction.

Caution

Before application, pretest for colorfastness in an inconspicuous area. Dilution may vary depending on soil conditions. Do not walk barefoot on wet carpet.

Dispose of unused use solutions according to applicable local and federal regulations. Read MSDS before use.

Physical Data

| | |
|------------|--------------|
| Appearance | Clear liquid |
| Color | Pale yellow |
| Foam | Low to none |
| Odor | Citrus |
| pH | N/A |



- Paint, oil and grease
- Dissolves wax and gum
- Fresh citrus fragrance

Your customers deserve the red carpet treatment. We think you deserve it too!

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **CITRUSGO**

WHMIS CODE: B2, D2B
 Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
 Hazard Class: Class 3, PG III
 UN Number: UN1268, (Ltd. Qty)

| HMIS | |
|------|--------------|
| 2 | Health |
| 2 | Flammability |
| 0 | Reactivity |
| B | Personal |

Product Use: *Citrus solvent.*

M-chem Technologies Inc.
 1607 Derwent Way
 Delta, BC V3M 6K8, Canada
 Phone: (604) 526-5655

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 |
|---|------------|---------------|-----|------------|
| HEAVY ALKYLATE NAPHTHA | 64741-65-7 | 50 - 100 | N/D | 25 ppm TWA |
| LD50 (oral rat) | | >8000 mg/kg | | |
| Dermal LD50 | | >4000 mg/kg | | |
| D'LIMONENE | 5989-27-5 | 20 - 50 | N/A | N/E |
| LD50 (oral rat) | | 4400 mg/kg | | |
| LD50 (dermal) | | > 5000 mg/kg | | |
| LC50 | | Not Available | | |
| DIPROPYLENE GLYCOL n-BUTYL ETHER | 29911-28-2 | 5 - 10 | N/A | N/E |
| LD50 (oral rat) | | 1310 mg/kg | | |
| LD50 (dermal) | | 2830 mg/kg | | |
| LC50 | | N/A | | |

SECTION 3 – PHYSICAL DATA

| | | | |
|---|---------------------------------|-------------------------------------|--------------------------------------|
| Color and Odor: Clear liquid, citrus odor. | Boiling Point: 150-190°C | Vapor Pressure (mm HG): N/D | pH: N/A |
| Physical State: Liquid. | Melting Point: N/A | Vapor Density: N/D | Specific Gravity: 0.79 @ 20°C |
| Coeff. Water/Oil Dist: Greater than 1.0 | Evaporation Rate: 0.2 | Solubility in Water: Soluble | Odor Threshold: No Data |

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 23-61°C (73-142°F) (Flashpoint-Seta cc – ASTM D3828)

Sensitivity to Mechanical Impact: None. **Flammable Limits:** N/D.

Extinguishing Media: Water, dry chemical or alcohol foam, carbon dioxide. Use extinguishing medias suitable for surrounding areas.

Sensitivity to Static Discharge: N/D. **Auto ignition Temperature:** N/D.

Conditions of Flammability: N/D.

Unusual Fire and Explosion Hazards: Slightly flammable in presence of oxidizing materials or open flame.

Hazardous Combustion Products: Decomposition may produce oxides of carbon.

Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus (SCBA) for large fires. For small fires, which may be easily extinguished by a portable fire extinguisher, the use of SCBA is optional. 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 oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

SECTION 6 – TOXICOLOGICAL DATA

| | |
|--|---|
| Exposure Limits: See Section 2 under Hazardous Ingredient. | Routes of Entry: Skin contact, eyes, inhalation and ingestion. |
| Irritancy of Product: Irritant 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 or dermatitis. | |
| Effects of Acute Exposure to Product: Very slightly to slightly dangerous in case of skin contact (irritant), of eye contact (irritant). Prolonged inhalation of vapors or mists may cause breathing problems, headaches, and nausea. Ingestion may cause gastro-intestinal and abdominal discomfort, and symptoms similar to inhalation. | |

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: Natural or butyl rubber, nitrile or neoprene gloves.

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

Protective Clothing and Equipment: Rubber apron recommended

Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. 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).

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).

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. If inhaled, remove person to fresh air. If not breathing, give artificial respiration.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE