

Citrus Clean

Heavy Duty Cleaner

DESCRIPTION

Citrus Clean is a heavy duty natural citrus distillate degreaser that is versatile to use and gives great performance. The biodegradable formulation is user-friendly and has a fresh citrus scent without any offensive fumes.

Citrus Clean can be used safely on hard surfaces and will remove rubber marks, print stains, heavy sludge, carbon deposits and grease. Also great for work bays, floors, metal parts and baked on soils.

SPECIAL INFORMATION:

Citrus Clean contains d'limonene solvent. Ensure equipment is rinsed after use.

DIRECTIONS

Citrus Clean may be sprayed by trigger sprayer or pressure wash. Mechanical agitation or brushing may be required for stubborn soils.

Dilution Ratios:

Heavy duty soiling:

Use a 1:2 dilution of **Citrus Clean** (500 ml/litre) (64 oz/gallon). Do not use full strength on water based paints.

Moderate to heavy soiling:

Use a 1:5 dilution of **Citrus Clean** (200 ml/litre) (25 oz/gallon).

Moderate soiling:

Use a 1:20 dilution of **Citrus Clean** (50 ml/litre) (6.4 oz/gallon).

Light soiling:

Use a 1:64 dilution of **Citrus Clean** (16 ml/litre) (2 oz/gallon).

PHYSICAL DATA

Appearance	Clear liquid
Color	Straw, amber
Foam	Moderate
Odor	Fresh orange
pH	11.0-12.5

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **CITRUS BLAST**
 Product Use: *Industrial Hand Cleanser*

WHMIS CODE: D2B
 Proper Shipping Name: N/A
 Hazard Class:
 UN Number:

HMIS	
1	Health
0	Flammability
0	Reactivity
X	Personal

Maxim 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 LD50 (oral rat) >5000 mg/kg Dermal LD50 (rabbit) >3160 mg/kg	64742-48-9	10.0 - 30.0	N/D	25 ppm TWA
ALCOHOL ETHOXYLATE LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	5.0-15.0	N/A	N/A

SECTION 3 – PHYSICAL DATA

Color and Odor: light orange gel, citrus fragrance. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** 7.0 – 8.0
Physical State: Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 0.98 @ 20°C
Coeff. Water/Oil Dist: Greater than 1.0 **Evaporation Rate:** N/D **Odor Threshold:** No Data
Solubility in Water: Slightly soluble in water. Emulsifies in water.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: >93°C
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: In a fire or heated, a pressure increase will occur and the container may burst.
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 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: 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: Not needed under normal conditions of use.
Ventilation: Not needed under normal conditions of use.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: No special protection is required.
Protective Clothing and Equipment: Not needed under normal conditions of use.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with 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 40°C (104°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 40°C (104°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. Immediately call a Physician. In case of contact with eyes, flush with clean water for 15 minutes occasionally lifting upper and lower lids to remove abrasive particles. Get medical attention. For contact with skin, this product is formulated for use on skin, but should be rinsed off when possible. 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: Dec. 15, 2014
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE