



Citrus Rig Wash

Industrial Cleaner

FEATURES:

- Highly concentrated cleaner/degreaser.
- Penetrating.
- Easy to apply.
- Can be diluted with diesel fuel, kerosene or water.
- Multi-purpose.

BENEFITS:

- Emulsifies heavy grease and oil deposits.
- Saves time by working quickly
- Saves money through effective low dilution ratios.
- Film Free - leaves no "after" film

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PACKAGE:

Pails & Drums

PHYSICAL DATA:

Appearance..... liquid
Coloryellow
Foam low
Odor citrus
pH not applicable

FIRST AID:

Eyes - Flush with plenty of water for 15 minutes. Get medical attention.

Skin - Wash well with plenty of water for 15 minutes. If skin irritation develops contact a physician.

Inhalation: - Remove to fresh air.

Ingestion - Give plenty of water to drink. Do not induce vomiting. Call a physician.

For further information, please review the MSDS and Product Label or consult your Maxim Representative.

DESCRIPTION:

Citrus Rig Wash is an effective heavy duty cleaner & degreaser with the added cleaning power of citrus solvents. It mixes with diesel fuel, kerosene or water to aid in breaking down and dissolving oil based products. When used as directed it leaves no film.

Excellent for cleaning oil drilling equipment, tools, mechanical equipment, farm equipment and anywhere oil based products are a problem.

USAGE:

Water Dilution Method:

Mix 2 parts **Citrus Rig Wash** with 1 part water. Apply liberally & let sit overnight. Agitate the next day using a synthetic brush. Rinse thoroughly with water.

Light Oil:

Step #1 Presoak

Mix 25% **Citrus Rig Wash** -75% Diesel Fuel or Kerosene. Apply liberally & let sit overnight.

Step #2 Cleaning

Mix 40% **Citrus Rig Wash** - 60% Diesel Fuel or Kerosene. Using this solution & a synthetic brush, agitate all surfaces.

If deeper stains remain after Step #2, mix a solution of 50% **Citrus Rig Wash** - 50% Diesel Fuel or Kerosene. Apply & leave for 1 hour. Using this same mixture, agitate using a synthetic brush.

Step #3 Rinse

Rinse off using a pressure washer and water.

Heavy Oil:

Step #1 Presoak

Mix 30% **citrus Rig Wash** - 70% Diesel Fuel or Kerosene. Apply liberally & let sit overnight.

Step #2 Cleaning

Mix 50% **Citrus Rig Wash** - 50% Diesel Fuel or Kerosene. Using this solution & a synthetic brush, agitate all surfaces.

If deeper stains remain after Step #2, mix a solution of 70% **Citrus Rig Wash** - 30% Diesel Fuel or Kerosene. Apply & leave for 1 hour. Using this same mixture, agitate using a synthetic brush.

Step #3 Rinse

Rinse off using a pressure washer and water.

STORAGE/HANDLING:

Use good industrial hygiene. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Store in a cool, dry place away from all sources of ignition and incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Empty container may contain flammable residues/vapors.

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: CITRUS-RIG-WASH

WHMIS CODE: B3, D2B
Proper Shipping Name: Flammable Liquid, N.O.S. (D-Limonene),
Hazard Class: Class 3, P.G. III
UN Number: UN 1993

Product Use: Industrial Cleaner

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EMERGENCY PHONE

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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 %	TLV
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	30.0-60.0	25 ppm
LD50 (oral, rat):	470 mg/kg		
LD50 (dermal, rabbit):	220 mg/kg		
LC50 (mouse):	Not available		
D'LIMONENE	5989-27-5	15.0-40.0	
LD50 (oral, rat):	4800 mg/kg		
LD50 (dermal):	Not available		
LC50:	Not available		
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	10.0-30.0	
LD50 (oral, rat):	>500<5000 mg/kg		
LD50 (dermal):	>2000<20000 mg/kg		
LC50:	Not available		

SECTION 3 – PHYSICAL DATA

Color and Odor: Yellow liquid, citrus odor. Boiling Point: N/D Vapor Pressure: N/D pH: N/A
Physical State: Liquid Melting Point: N/A Vapor Density: N/D Specific Gravity: 0.91
Coeff. Water/Oil Dist: N/D Evaporation Rate: N/D Solubility in Water: Insoluble Odor Threshold: N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 49°C Sensitivity to Mechanical Impact: None. Conditions of Flammability: Excessive heat, sparks, open flames and other sources of ignition
(Combustible according to WHMIS-Class B3) Sensitivity to Static Discharge: None Auto ignition Temperature: None known.
Flammable Limits: None known.
Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray or fog
Unusual Fire and Explosion Hazards: May form flammable mixture with air at or above flash point
Hazardous Combustion Products: Carbon oxides
Special Fire Fighting: Wear full protective equipment including NIOSH/MSHA approved self contained breathing apparatus for large fires. For small fires use a portable fire extinguisher. Use water spray to cool all nearby fire exposed surfaces

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal conditions. Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Carbon oxides and other noxious fumes upon thermal decomposition

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. Routes of Entry: Skin and eye contact, inhalation
Irritancy of Product: Irritating 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. Also may cause blood disorders through skin absorption of ethylene glycol monobutyl ether (based on animal test data).
Effects of Acute Exposure to Product: Product exposure may irritate skin and eyes. Prolonged inhalation of vapors or mists may cause respiratory irritation, headaches, nausea, etc. Also may be harmful if absorbed through skin. Ingestion may cause gastrointestinal and abdominal discomfort and symptoms similar to inhalation. Small amounts of liquid aspirated into lungs during ingestion or from vomiting may cause mild to severe pulmonary injury

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: If exposed to vapors or mists and depending on the exposure level wear an approved half-face or full face dust/mist and organic vapor respirator.
Ventilation: Use with good general ventilation or local exhaust for confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety glasses or goggles.
Protective Clothing and Equipment: Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment including respirator. Extinguish all nearby sources of ignition. Keep material away from sewers. Dike and contain large spills. Pump spill into an approved flammable waste container. For small spills soak up with suitable absorbent such as clay, soil or commercially available absorbents and scoop into an approved flammable waste container.
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.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: (306) 347-0444 LAST UPDATE: Jan. 6, 2015
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE