

MSDS - Material Safety Data Sheet

Product Name: *F-178R Citrus Cleaner/Degreaser RTU*

MSDS No.: F-178R

I. Basic Information:

Manufacturer: Inchemco, Division of JEM Sales, Inc.

Address: 430 Lavender Dirve

City, ST Zip: Rome, GA 30165

Emergency Contact: Chemtrec

Emergency Telephone Number: 800-424-9300

Contact: David Boylan

Information Telephone Number: 706-232-1709 x13

Last Update: 12/21/1999

Expiration Date:

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture



1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
111762	2-Butoxyethanol	1				X		25 ppm	25 ppm	700 IDLF	
27176870	Dodecylbenzenesulfonic acid	1						N/L	N/L	N/L	

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Acute: Eye, Skin, Inhalation, Ingestion

IV. First Aid Measures:

Route(s) of Entry:

Eyes, Skin, Inhalation, Ingestion

Health Hazards (Acute and Chronic):

Acute Eye: may cause irritation.
 Acute Skin: may cause irritation.
 Acute Inhalation: vapor may be slightly irritating in large quantities.
 Acute Ingestion: irritation, possible nausea.

Signs and Symptoms:

Eyes: irritation, redness, tearing.
 Skin: redness, irritation, drying of skin.
 Inhalation: coughing, sore throat.
 Ingestion: stomach sickness, throat irritation.

Medical Conditions Generally Aggravated by Exposure:

Persons with allergies or pre-existing skin conditions should use this product with caution

MSDS - Material Safety Data Sheet***Product Name: F-178R Citrus Cleaner/Degreaser RTU******MSDS No.: F-178R*****Emergency and First Aid Procedures:**

Eyes: Remove contact lenses, flush with water for at least 15 minutes, seek medical attention.

Skin: Rinse thoroughly until 'soapy' feeling disappears.

Inhalation: Remove victim to fresh air source, seek medical attention if necessary.

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 to an unconscious person.

Other Health Warnings:

Note to physician: All treatments should be based on observed signs and symptoms of distress. Consideration should be given to the possibility that overexposure to materials other than this product or some combination of products may have occurred.

V. Fire Fighting Measures:**Flash Point:** N/A**Lower Explosive Limit:** None**Upper Explosive Limit:** None**F.P. Method:****Fire Extinguishing Media:** Use extinguishing apparatus suitable for materials surrounding fire.**Special Fire Fighting Procedures:**

None

Unusual Fire and Explosion:

None

VI. Accidental Release Measures:**Steps to be Taken in Case Material is Released or Spilled:**

Small spill: Wear safety glasses/goggles and protective gloves. Wipe up mop or wet vac small spills.

Large spill: Absorb with water soluble media pads and/or booms. Mop, squeegee, or wet vacuum and containerize for proper disposal.

Do not allow spills to reach stormwater runoff areas.

VII. Handling and Storage:**Precautions to be Taken:**

Temperature Min/Max: N/A

Handling: Do not get material into eyes. Avoid breathing concentrated vapors when cleaning.

Storage: Store in a cool, dry, ventilated area.

Other Precautions:

Avoid direct contact with other chemicals especially strong acids.

VIII. Exposure Controls/Personal Protection:**Ventilation Requirements:**

Local exhaust.

Personal Protective Equipment:

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Eyes: Safety glasses or goggles.

Skin: water resistant gloves.

Respiratory: N/A

Wash hands thoroughly after use. Launder clothing if contaminated.

IX. Physical and Chemical Properties:**Boiling Point:** 212 F**Melting Point:** N/A**Evaporation Rate (Butyl Acetate = 1):** Slow**Vapor Pressure (mm Hg.):** N/A**Specific Gravity (H₂O = 1):****Vapor Density (AIR = 1):** N/A**Solubility In Water:** Complete**Appearance and Odor:****Other Information:** ph of 1% solution: 8.0**X. Stability and Reactivity:****Stability:**

Stable under normal handling and storage conditions.

Incompatibility (Materials to Avoid):

Strong Acid products.

Decomposition/By Products:

None.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Acute Eye: Severly irritating.

Acute Skin: Mildly irritating.

Acute Dermal Toxicity: No test data for product.

Acute Respiratory Irritation: No test data for product.

Acute Inhalation Toxicity: No test data for product.

Acute Oral Toxicity: No test data for product.

Chronic Toxicity: This product contains Glycol Ether EB <2% by volume.

XII. Ecological Information:

Ecotoxicological: No data for this product.

Chemical Fate: No data for this product.

XIII. Disposal Considerations:

Follow state and local guidelines for disposal as they may differ from Federal laws and regulations.

If uncontaminated by other products this product may be disposed of as non-hazardous in the appropriate wastewater treatment facility.

Containers: Boxes may be recycled as corrugated, Bottles may be recycled as HDPE when completely rinsed.

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Not regulated By DOT.

XV. Regulatory Information:

TSCA: N/A

CERCLA: N/A

SARA Title III Section 302 (Extremely Hazardous Substances): N/A

SARA Title III Section 313 (Toxic Chemicals): N/A

XVI. Other Information:

In case of emergency, call CHEMTREC 800-424-9300

Distributed by:

JEM Sales Inc., Inchemco Division

430 Lavender Drive

Rome, GA 30165

706-232-1709

CAGE 0AZD7

Key:

N/A - Not Applicable

ACGIH - American Conference of Governmental Industrial Hygienists.

OSHA - Occupational Safety and Health Administration.

TLV - Threshold Limit Value.

PEL - Permissible Exposure Limit.

TWA - Time Weighted Average.

STEL - Short Term Exposure Limit.

NTP - National Toxicology Program.

IARC - International Agency for Research on Cancer.

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