

Material Safety Data Sheet

HMIS®

HEALTH

2

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

A

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Identity: RID O GREASE AEROSOL

Formula: A376

SECTION 1: Company Identification

Sold By:

Continental Research Corp.

Address (Number, Street, City, State, and ZIP Code)

PO Box 15204

St. Louis, Mo. 63110

Emergency Telephone Number

1-800-5325-4869

Fax Number

1-314-776-6810

Telephone Number for Information

1-800-325-4869

Signature of Preparer (Optional)

Tec Service

SECTION 2: Ingredients/Identity Information

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Methyl Ester	67784-80-9	None	None		30 – 60%
D-Limonene	5989-27-5	None	None	30 ppm (Manu.)	15 – 40%
Nonoxynol 10	9016-45-9	None	None		7 – 13%
Isobutane	75-28-5	800 ppm	800 ppm		5 – 10%
Propane	74-98-6	1000 ppm	2500 ppm		1 – 5%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3: Hazards Identification

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Acute Health Hazards - Warning. Flammable liquid and vapor. Causes eye and respiratory tract irritation. May cause skin irritation. Direct eye contact may cause eye damage. Follow good chemical hygiene practices when using this and other degreasers.

Chronic Health Hazards - Repeated or prolonged occupational overexposure may lead to dermatitis.

Carcinogenicity:

Chemical:	OSHA:	NTP:	IARC:
None	No	No	No

Signs and Symptoms of Exposure - Dryness, redness, and cracking of skin. Redness, tearing, burning in eyes. Irritation of nose and throat. Ingestion may cause lethargy, nausea, vomiting and diarrhea.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin disorders may be affected by prolonged or repeated occupational overexposure. Follow good chemical hygiene practices.

SECTION 4: Emergency and First Aid Procedures:

Eyes - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. If easy to do, remove contact lenses, if worn. See a physician immediately.

Ingestion - Do not induce vomiting unless directed by a physician. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Skin - Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. If irritation arises and persists, call a physician. Launder contaminated clothing and shoes before reuse.

SECTION 5: Fire Fighting Measures

USA Flame Projection Test (ASTM D-3065)	Flammable Limits	LEL	UEL
>18", no flashback: Flammable	No Data	No Data	No Data

Extinguishing Media - Use carbon dioxide, dry chemical, foam or fog as needed.

Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.

Hazardous Products of Combustion- Oxides of carbon, acrid smoke, fumes and various organic oxidation products.

Unusual Fire and Explosion Hazards - Aerosol container (pressurized) may burst if heated over 120° F.

SECTION 6: Accidental Release Measures

Small Spill - Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill – Ventilate area and block traffic. Eliminate all ignition sources. Wear protective gear as necessary. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling - Do not use on or near ignition sources such as heat, sparks, open flame, welding arcs, static electricity, etc. Do not smoke while using. Do not swallow. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid inhaling mist and vapors. Use with adequate ventilation. Do not deliberately concentrate and inhale vapors. Direct spray away from face.

Storage – Follow label directions carefully. Keep out of reach of children. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Avoid contamination of food. Replace cap when not in use. Do not puncture or incinerate. Contents under pressure. Do not puncture container.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection – Yes, approved goggles or safety glasses (ANSI Z87).

Skin Protection – Not usually necessary, only if prolonged direct contact is possible.

Respiratory Protections – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls – Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor:	Clear liquid with a citrus scent in an aerosol can.
PH	Not applicable
Specific Gravity (70°F)	0.882
Boiling Point:	374° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Pressure (psig. @ 70°F)	40 + 10
Vapor Density (AIR = 1)	> 1
Solubility in Water	Insoluble
Volatile Organic Compounds (VOCs)	383 grams per liter or 46 % by weight VOCs

SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.

Hazardous Decomposition or Byproducts – Oxides of carbon, acrid smoke, fumes and various organic oxidation products.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong oxidizing and reducing agents, acids, acid catalysts, peroxides, halogens, vinyl chloride, iodine fluoride, aluminum chloride, bases and materials reactive with hydroxyl compounds.

SECTION 11: Toxicological Information

No Data

SECTION 12: Ecological Information

No Data

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would be a hazardous waste (D001) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Consumer Commodity

Hazard Class: ORM-D

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Aerosols

Hazard Class: 2

Identification Number: UN 1950

Packing Group: None

Air Transportation:

Proper Shipping Description: Aerosols, flammable

Hazard Class: 2.1

Identification Number: UN 1950

Packing Group: None

Marine Pollutants: None

SECTION 15: Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

None Listed

SARA 313 Components – 40 CFR 372.65

None

State and Local Regulations:

California Proposition 65

WARNING: This product contains trace chemicals (Ethylene Oxide and Propylene Oxide) known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

Section 16: Additional Information

Date Prepared:

Rev. 2 – 09/01/06

Rev. 1 - 06/23/06

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.
