



MATERIAL SAFETY DATA SHEET

RC-1 Lubricating Spray

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Material/Trade Name RC-1 Lubricating Spray
Material Type Lubricant Spray
Company Republic Chemical Industries, Inc.
Address 731 Aurora Boulevard, Quezon City, 1112 Philippines
Telephone +63 2 721 5781 to 86
Fax +63 2 727 5095
Website www.repchem.com

2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	% Weight	CAS No.
Aliphatic Petroleum Distillates	8052-41-3	66%
Petroleum Base Oil	64742-65-0	23%
Carbon Dioxide	124-38-9	2%

3. HAZARDS IDENTIFICATION

Emergency Overview:

DANGER! Flammable aerosol. Contents under pressure. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.

Symptoms of Overexposure

Inhalation (Breathing): May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.

Skin Contact: May cause drying of skin and irritation

Eye Contact: May cause irritation, watering and redness

Ingestion: May cause irritation, nausea, vomiting & diarrhea.

First Aid Emergency Procedures

Ingestion: Do not induce vomiting, seek medical attention

Eye Contact: Immediately wash eyes with water for approx. 15 min

Inhalation: Remove to fresh air. Give artificial respiration if necessary, if breathing is difficult give oxygen.

Pre-existing medical conditions such as eye, skin and respiratory disorders may be aggravated by exposure.

DANGER!

Aspiration Hazard: If swallowed, can enter lungs and may cause chemical Pneumonitis. Do not induce vomiting call physician immediately.

Suspected Cancer Agent

Yes: No: x The components in this mixture have been found to be non-carcinogenic by NTP, IARC.



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4. FIRST AID MEASURES	
In case of eye or skin contact, flush thoroughly with plenty of water.	
Ingestion	Do not induce vomiting, immediately drink a large quantity of milk or water and call a physician.
Inhalation	Move to fresh air and if there are adverse reactions, call a physician.
5. FIRE FIGHTING MEASURES	
Flash Point	Tag open cup 110°F (Minimum)
Flammable Limits	(Solvent Poration) (Lel) 1.0% (Uel) 6.0%
Extinguishing Media	CO ₂ , Dry Chemical, foam
Special Fire Fighting Procedures	Contents Under Pressure
6. ACCIDENTAL RELEASE MEASURES	
Wear appropriate protective clothing. Eliminate all sources of ignition and ventilate area. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.	
7. HANDLING AND STORAGE	
Handling: Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.	
Storage: Store in a cool, well-ventilated area, away from incompatible materials Do not store above 120F or in direct sunlight.	
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Eye/Face Protection	Safety goggles/glasses suitable for use with chemicals
Respiratory Protection	Respirator with organic vapor cartridge.
Skin Protection	Use long sleeved protective clothing, face shield, gloves, boots. Remove contaminated clothing immediately, wash skin with soap And water, and launder clothing before use.
Ventilation	Good general or local exhaust.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point	NA
Vapor Density (air = 1)	Greater than 1
Solubility in Water	Insoluble
Specific Gravity	0.816@70°F
Percent Volatile (vol)	70%
Vapor Pressure	110 +/- 5 psi @70°F
Appearance	Light Amber
Odor	Characteristic Odor
10. STABILITY AND REACTIVITY	
Stability	Stable
Incompatibility	Strong oxidizing materials
Hazardous decomposition products	Thermal decomposition may yield carbon monoxide and or carbon dioxide.



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11. TOXICOLOGICAL INFORMATION
Repeated skin contact may possibly cause dermatitis. May be harmful or cause irritation of respiratory tract if inhaled in large amount or for prolonged periods. Overexposure to fumes and vapor may cause lung damage and chemical pneumonia.
12. ECOLOGICAL CONSIDERATION
No available information.
13. DISPOSAL CONSIDERATIONS
Dispose of in accordance with local and national regulations. Dispose in an approved chemical waste landfill.
14. TRANSPORT INFORMATION
IATA - UN1950, Aerosols, Flammable, 2.1
15. REGULATORY INFORMATION
SARA TITLE III: Hazard Category For Section 311/312: Acute Health, Fire Hazard, Sudden Release of Pressure Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None Section 302 Extremely Hazardous Substances (TPQ): None EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.
6. OTHER INFORMATION
None