

# **RUST-GUARD™ AEROSOL**

## **CORROSION INHIBITOR**

### **DESCRIPTION**

**RUST-GUARD™** is a specialized water-displacing formula which dries to a uniform, thin waxy film to effectively seal out moisture and corrosion. **RUST-GUARD** provides long-term protection on all metal and alloy surfaces, even under harsh environmental conditions such as water, high humidity or salt spray.

**RUST-GUARD** may be used both indoors or outdoors as a protective coating on raw materials, machined parts, tools, pipe, fittings, valves, etc., while they are being stored or in transit. **RUST-GUARD** will not crack or flake off and, since it is applied in aerosol or liquid form, it penetrates fully into even the smallest crevices to displace moisture and prevent rust and corrosion. **RUST-GUARD** is green in color to facilitate visual check of product application and is easily and safely removed by use of a safety solvent such as **JET-LUBE® CLEAN-UP™**.

- Nontoxic
- Economical to use
- Convenient aerosol package
- Penetrates deeply, displacing moisture
- Prevents rust and corrosion
- Indoor/Outdoor formula
- Will not crack/peel off
- Easily removed
- Safe, fluorocarbon-free, CO<sub>2</sub> propellant
- Visually identifiable blue-green color
- For tubing, casing, line pipe, and rotary shouldered connections. Removal prior to application of running compounds is not necessary
- Conforms to MIL-PRF-16173E Grades 1 and 2

### **APPLICATIONS**

**RUST-GUARD** may be used to provide long-term protection from rust and corrosion for a variety of Industrial, Marine, Aviation, and Oilfield applications.

### **PRODUCT CHARACTERISTICS**

Film Material	Calcium Soap/Wax
Fluid Type	Mineral Spirits
Color/Appearance	Blue-Green Fluid
Specific Gravity	0.85
Density (lbs/gal)	7.07
Flash Point (ASTM D-1310) T.O.C.	>100°F (38°C)
Melting Point (of finished film)	280°F (138°C)
VOC Content	526g/Liter
Film Thickness, Mills (TYPICAL)	0.5
Copper Strip Corrosion (ASTM D-130)	1B Max
Salt Fog Resistance (ASTM B-117)	No Rust > 20 Days
Underwater Submersion	No Rust > 30 Days
Humidity Resistance	No Rust > 30 Days
Spray Pattern	4" - 6" Ellipse
NFPA 30B Storage Class	Level II

### **COVERAGE INFORMATION**

The coverage area provided by **RUST-GUARD** will vary with film thickness, surface finish and loss or spillage. Typical results may be expected:

0.25 mils can cover up to 3,600 sq. ft. per gallon
0.50 mils can cover up to 1,800 sq. ft. per gallon
1.00 mils can cover up to 900 sq. ft. per gallon

### **PACKAGING**

Code No.	Container Size	Container
13241	11 oz.	Aerosol

### **LIMITED WARRANTY**

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

## **CORPORATE LOCATIONS**

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada



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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

**Product Name:** RUST-GUARD™ AEROSOL  
**Chemical Family:** Oxidized petroleum based wax protective film  
**Use:** Rust and corrosion preventive film

**Manufacturer/Supplier:** JET-LUBE, INC.  
**Address:** 4849 Homestead Rd., Ste. #232  
 Houston, TX, 77028 USA **Phone:** 713-670-5700  
**Emergency Phone:** 713-670-5700 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300  
**Outside the USA:** 703-527-3887

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum Solvent	64742887	60 Max	Oil Mist TWA-500 ppm	N/A	N/A
Nonhazardous Blend	57855773/26264062 3159624	40 Min	UN	UN	UN
CO <sub>2</sub> Propellant	124389	4 Max	5000 ppm	5000 ppm	UN

### Main Hazards—Health Effects

**Eyes:** May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled.  
**Ingestion:** May cause diarrhea. **Skin:** For hypersensitive persons, may irritate the skin after prolonged periods of contact.

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

**Extinguishing Media:** Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist.  
**Unsuitable Extinguishing Media:** Water jet. **Protective Equipment for Fire fighting:** Self-contained breathing apparatus.

**Personal Precautions:** Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains.  
**Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

**Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

**Respiratory Protection:** None needed. **Hand Protection:** Protective gloves for hypersensitive persons.  
**Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Overalls.

**Physical State:** Fluid/waxy film when dry **Color:** Green/Blue Green **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** <300 (149)  
**Melting Point °F (°C):** 280 (138) typical **Flash Point (TCC) °F (°C):** >100 (38) **Autoignition Temperature °F (°C):** >410 (210)  
**Explosive Properties:** LEL: 0.7% UEL: 6% **Evaporation Rate (Butyl Acetate):** <0.12 **Partition Coefficient (Log Pow):** N/A  
**Vapor Pressure (kPa):** <2.0 **% Volatiles:** 50 Typ. **Density (g/cm³):** 0.85 **Flammability:** Not flammable at temps. below 100°F (38°C)  
**OAR Value:** 5 **Oxidizing Properties:** None **Water Solubility:** Nil **Vapor Density:** >5 **VOCs:** 360 g/liter

**Stability:** Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition & extreme temp. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon, sulfur & nitrogen. Residue mainly comprised of soot & mineral oxides.

**Acute Toxicity:** Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.  
**Genotoxicity:** None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No **OSHA:** No  
**EC Classification (67/548/EEC):** No **LC-50:** >2000mg/l—extrapolated from component data. **LD-50:** Not applicable


**Possible Effects:** In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely. **Behavior:** Relatively well behaved. Bioaccumulation potential nil.  
**Environmental Fate:** Not thought to be toxic to marine or land organisms. Fluid is lower density than water. It will float.

**Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice.  
**Container Disposal:** Consult waste disposal company of local authority for advice on disposal of pressurized containers (aerosol cans).

**D.O.T.:** Consumer Commodity ORM-D (aerosol) **UN No.:** Div. 2.1 1950 **Air Transport (ICAO & IATA):** Hazardous-pressurized container  
**Sea Transport (IMO & IMDG):** Class 2, 1950 **Road & Rail Transport (ADR/RID):** Class 2.1, 1950

**Labeling Information:** Flammable Liquid N.O.S./Aerosol **EC Annex 1 Class:** N/A **R Phrases:** R22, harmful if swallowed.  
**S Phrases:** S3 keep cool, S2 keep away from children **SARA 311/312:** None **Ozone Depleting Chemicals:** Nil **CERCLA:** Nonhazardous  
**TSCA:** All components are listed. **WHMIS (Canada):** AG Class B, Div. 2, Aero Class B, Div. 5 **Canadian DSL:** All components listed.  
**40 CFR Part 372 (SARA Section 313):** N/A **RCRA Hazard Class:** Nonhazardous **TSCA 12B Components:** None

**New Jersey Right To Know:** See Section II

**Signature:**   
**Prepared by:** Donald A. Oldiges  
**Date Issued:** May 07, 2010

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LEGEND	
I.	IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY
II.	COMPOSITION INFORMATION ON INGREDIENTS
III.	HAZARDS IDENTIFICATION
IV.	FIRST AID MEASURES
V.	FIRE FIGHTING MEASURES
VI.	ACCIDENTAL RELEASE MEASURES
VII.	HANDLING AND STORAGE
VIII.	EXPOSURE CONTROL/PERSONAL PROTECTION
IX.	PHYSICAL AND CHEMICAL PROPERTIES
X.	STABILITY AND REACTIVITY
XI.	TOXICOLOGICAL INFORMATION
XII.	ECOLOGICAL INFORMATION
XIII.	WASTE DISPOSAL
XIV.	TRANSPORT INFORMATION
XV.	REGULATORY INFORMATION
XVI.	OTHER INFORMATION

### HMIS SYMBOL

HEALTH	1
FLAMMABILITY	2
REACTIVITY	1
PPI	B

### NFPA SYMBOL

