



A CSW Industrials Company

# SAFETY DATA SHEET

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Revision Number 5



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## 1. IDENTIFICATION

### Product identifier

**Product Name** JET-LUBE® RUST GUARD™

### Other means of identification

**Product Code(s)** 133

**(M)SDS Number** WPS-JLI-011

**Synonyms** RUST GUARD™

### Recommended use of the chemical and restrictions on use

**Recommended Use** Lubricants, Greases and Release Products

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** Jet-Lube of Canada, LTD.

**Address** Jet-Lube of Canada LTD  
Units 8 & 9, 1260 - 34 Avenue  
Nisku, AB, Canada  
T9E 1K7

**Telephone** JLC Office 1.780.463.7441 Toll Free 1.888.771.7775

**E-mail** Sales@jetlubecanada.com

### Emergency telephone number

**Company Emergency Phone Number** 1-800-699-6318

**Emergency Telephone Number** CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## 2. HAZARDS IDENTIFICATION

### Classification



Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (repeated exposure)	Category 1
Flammable liquids	Category 3

**Appearance** Blue

**Physical state** Liquid

**Odor** Petroleum

**GHS Label elements, including precautionary statements**

**Danger**

**Hazard statements**

Causes damage to organs through prolonged or repeated exposure  
 Causes serious eye irritation  
 Flammable liquid and vapor



**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 Keep container tightly closed

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention

**Skin**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing

**Ingestion**

Rinse mouth

**Fire**

In case of fire: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

Toxic to aquatic life with long lasting effects Toxic to aquatic life

**Unknown acute toxicity**

No information available



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

**Synonyms** RUST GUARD™

Chemical Name	CAS-No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	45-50	-	-
Calcium petroleum sulfonate	61789-86-4	5-10	-	-
Stoddard solvent	8052-41-3	<0.5	-	-

### 4. FIRST AID MEASURES

#### First aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water. Get immediate medical advice/attention.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically. Symptoms may be delayed. Delayed pulmonary edema may occur.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.



<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	Yes.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material.
<b>Other Information</b>	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

<b>Environmental precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
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### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice.
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### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store in accordance with local regulations. Keep out of the reach of children.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Stoddard solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>	
Chemical Name	Alberta	British Columbia	Ontario TWAEV	Quebec
Stoddard solvent 8052-41-3	TWA: 100 ppm TWA: 572 mg/m <sup>3</sup>	TWA: 290 mg/m <sup>3</sup> STEL: 580 mg/m <sup>3</sup>	TWA: 525 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>

#### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

#### Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

If splashes are likely to occur, wear safety glasses with side-shields.

#### Hand protection

Wear suitable gloves. Viton™. Nitrile rubber. Neoprene gloves. Butyl rubber.

#### Skin and body protection

Wear suitable protective clothing.

#### Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Physical state	Liquid
Appearance	Blue
Odor	Petroleum
Color	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	7	
Melting / freezing point	-50 °C	None known
Boiling point / boiling range	157 °C	
Flash Point	> 60 °C	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density		



	No data available	None known
Relative density	0.85	
Water Solubility	Insoluble	
Solubility(ies)	Completely soluble	None known
Partition coefficient: n-octanol/water	Not Applicable	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	
<b>Other Information</b>		
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation.
Skin contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	Specific test data for the substance or mixture is not available. Not an expected route of exposure. May be harmful if swallowed and enters airways.

### Information on toxicological effects

Symptoms	Coughing and/ or wheezing. Dizziness.
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**Numerical measures of toxicity****Acute Toxicity****Unknown acute toxicity** No information available**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	Inhalation LC50
Solvent naphtha (petroleum), medium aliphatic	> 25 mL/kg ( Rat )	> 3000 mg/kg ( Rabbit )	> 13 mg/L ( Rat ) 4 h
Calcium petroleum sulfonate	> 5000 mg/kg ( Rat )	> 4000 mg/kg ( Rabbit )	

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation** See section 2 for classified hazards based on component information.**Serious eye damage/eye irritation** Risk of serious damage to eyes.**Respiratory or skin sensitization** No information available.**Germ cell mutagenicity** No information available.**Carcinogenicity** No information available.**Reproductive toxicity** No information available.**STOT - single exposure** May cause damage to organs.**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.**Aspiration hazard** May be fatal if swallowed and enters airways.**12. ECOLOGICAL INFORMATION****Marine Pollutant** This product contains a chemical which is listed as a marine pollutant according to DOT**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic	96h EC50: = 450 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 800 mg/L (Pimephales promelas)	-	48h EC50: > 100 mg/L
Calcium petroleum sulfonate		LC50 96 h: 5.7 - 9.7 mg/L static (Pimephales promelas) LC50 96 h: 1.0 - 10.0 mg/L semi-static (Pimephales promelas)	-	EC50 48 h: 6.2 - 12 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.**Bioaccumulation** There is no data for this product.**Mobility** No information available.

Other adverse effects No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**US EPA Waste Number** D001

California Hazardous Waste Codes 331

### 14. TRANSPORT INFORMATION

#### DOT

**UN-No.** UN3082  
**Proper Shipping Name** Environmentally hazardous substances, liquid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**Marine Pollutant Description** This product contains a chemical which is listed as a marine pollutant according to DOT UN3082, Environmentally hazardous substances, liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic ), 9, PG III, Marine Pollutant  
**Emergency Response Guide Number** 171

#### TDG

**UN Number** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**Description** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha (petroleum), medium aliphatic ), 9, PG III, Marine Pollutant

#### MEX

**UN-No.** UN3082  
**Proper Shipping Name** Environmentally hazardous substances, liquid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**Description** UN3082 Environmentally hazardous substances, liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic ), 9, III

#### ICAO

**UN-No.** UN1993  
**Proper Shipping Name** FLAMMABLE LIQUID, N.O.S.  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, PETROLEUM RESINS, OXIDIZED), 3, III

#### IATA

**UN Number** UN1993  
**Proper Shipping Name** FLAMMABLE LIQUID, N.O.S.





<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L
<b>Description</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, PETROLEUM RESINS, OXIDIZED), 3, III

**IMDG**

<b>UN Number</b>	UN1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS-No.</b>	F-E, S-E
<b>Marine Pollutant</b>	Product is a marine pollutant according to the criteria set by IMDG/IMO
<b>Description</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, CALCIUM PETROLEUM SULFONATE), 3, III, (60°C C.C.), MARINE POLLUTANT

**RID**

<b>UN-No.</b>	UN1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	FL
<b>Description</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, PETROLEUM RESINS, OXIDIZED), 3, III, ENVIRONMENTALLY HAZARDOUS
<b>ADR/RID-Labels</b>	3

**ADR**

<b>UN-No.</b>	UN1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	FL
<b>Tunnel restriction code</b>	(D/E)
<b>Description</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, PETROLEUM RESINS, OXIDIZED), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS

**ADN**

<b>UN-No.</b>	UN3082
<b>Proper Shipping Name</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Classification code</b>	M6
<b>Special Provisions</b>	274, 335, 601
<b>Description</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s.(Solvent naphtha (petroleum), medium aliphatic ),9,III
<b>Hazard Labels</b>	9
<b>Limited Quantity</b>	LQ7
<b>Ventilation</b>	VE01

## 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

**International Regulations**

Ozone-depleting substances (ODS) Not applicable



**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

**International Inventories**

<b>TSCA</b>	Complies.
<b>DSL/NDSL</b>	Complies.
<b>EINECS/ELINCS</b>	Complies.
<b>ENCS</b>	Not determined.
<b>KECL</b>	Complies.
<b>PICCS</b>	Complies.
<b>AICS</b>	Complies.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Stoddard solvent 8052-41-3	X	X	X		



**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 2	Flammability 2	Instability 0	<b>Physical and Chemical Properties -</b>
<b>HMIS</b>	Health hazards 2 *	Flammability 2	Physical hazards 0	<b>Personal Protection X</b>
<i>Chronic Hazard Star Legend</i>	<i>* = Chronic Health Hazard</i>			

**Prepared By** Product Stewardship  
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**Revision Note** The symbol (\*) in the margin of this SDS indicates that this line has been revised 9

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

