



A CSW Industrials Company

# SAFETY DATA SHEET

Issuing Date 3-May-2012

Revision Date 15-Mar-2017

Revision Number 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** JET-LUBE® RUN N SEAL® EXTREME ALL WEATHER GRADE

### Other means of identification

**Product Code(s)** 223

**Synonyms** RUN N SEAL® EXTREME AWG

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

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

**Uses advised against** No information available

### Supplier's details

#### **Manufacturer Address**

Jet-Lube, LLC  
930 Whitmore Dr.  
Rockwall, Texas 75087  
TEL: 972-771-1000  
Toll Free: 1-800-669-6318

### Emergency telephone number

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

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal Word** None

The product contains no substances which at their given concentration are considered to be hazardous to health  
**Appearance** Black **Physical State** Semi-fluid (gel). **Odor** Petroleum Oil-Pungent

### **Precautionary Statements**

#### **Prevention**

• None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

39.3% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** RUN N SEAL® EXTREME

| Chemical Name   | CAS-No     | Weight % | Trade secret |
|---|------------|----------|--------------|
| Lubricating greases<br>A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc. | 74869-21-9 | 40-60    | *            |
| Graphite  | 7782-42-5  | 20-25    | *            |
| Talc  | 14807-96-6 | 5-10     | *            |
| Mica  | 12001-26-2 | 5-10     | *            |
| Calcium oxide   | 1305-78-8  | 1-2      | *            |

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

|                     |  |
|---------------------|--|
| <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 skin with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.     |
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, call a physician.  |
| <b>Ingestion</b>    | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician if necessary |

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry powder. Carbon dioxide (CO<sub>2</sub>). Foam. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

**Explosion Data****Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**                      Ensure adequate ventilation.

**Environmental Precautions**

**Environmental Precautions**                      Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up**

**Methods for Containment**                      Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**                      Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**    Wear personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage**    Keep container tightly closed in a dry and well-ventilated place.

**Incompatible Products**                      None known based on information supplied.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name         | ACGIH TLV                | OSHA PEL  | NIOSH IDLH  |
|-----------------------|--------------------------|---|---|
| Graphite<br>7782-42-5 | -                        | TWA: 15 mg/m <sup>3</sup> total dust<br>synthetic<br>TWA: 5 mg/m <sup>3</sup> total dust<br>synthetic<br>(vacated) TWA: 2.5 mg/m <sup>3</sup><br>respirable dust natural<br>(vacated) TWA: 10 mg/m <sup>3</sup> total<br>dust synthetic<br>(vacated) TWA: 5 mg/m <sup>3</sup><br>respirable fraction synthetic<br>TWA: 15 mppcf natural | IDLH: 1250 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup> respirable dust                        |
| Talc<br>14807-96-6    | TWA: 2 mg/m <sup>3</sup> | (vacated) TWA: 2 mg/m <sup>3</sup>  | IDLH: 1000 mg/m <sup>3</sup> containing no<br>asbestos and <1% quartz<br>TWA: 2 mg/m <sup>3</sup> |

|                            |                          |   |  |
|----------------------------|--------------------------|---|--|
| Mica<br>12001-26-2         | TWA: 3 mg/m <sup>3</sup> | TWA: 20 mppcf (<1% crystalline silica)<br>3 mg/m <sup>3</sup> (vacated) | IDLH: 1500 mg/m <sup>3</sup> containing <1% quartz<br>TWA: 3 mg/m <sup>3</sup> respirable dust |
| Calcium oxide<br>1305-78-8 | TWA: 2 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup><br>(vacated) TWA: 5 mg/m <sup>3</sup>          | IDLH: 25 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup>   |

**Appropriate engineering controls**

|                             |  |
|-----------------------------|--|
| <b>Engineering Measures</b> | Showers<br>Eyewash stations<br>Ventilation systems |
|-----------------------------|--|

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

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Safety glasses with side-shields.   |
| <b>Skin and Body Protection</b> | Long sleeved clothing. Protective gloves.   |
| <b>Respiratory Protection</b>   | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. |

|                         |  |
|-------------------------|--|
| <b>Hygiene Measures</b> | Handle in accordance with good industrial hygiene and safety practice. |
|-------------------------|--|

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                       |                       |                       |                          |
|-----------------------|-----------------------|-----------------------|--------------------------|
| <b>Physical State</b> | Semi-fluid (gel)      | <b>Appearance</b>     | Black                    |
| <b>Odor</b>           | Petroleum Oil-Pungent | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks/ - Method</u> |
|--|-------------------|--------------------------|
| pH                                     | Neutral           | None known               |
| Melting Point/Range                    | >232 °C / 450 °F  | None known               |
| Boiling Point/Boiling Range            | < 260 °C / 500 °F | None known               |
| Flash Point                            | > 177 °C          | None known               |
| Evaporation rate                       | No data available | None known               |
| Flammability (solid, gas)              | No data available | None known               |
| Flammability Limits in Air             |                   |                          |
| 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               |
| Specific Gravity                       | 1.27              | None known               |
| Water Solubility                       | Negligible        | None known               |
| Solubility in other solvents           | Largely.          | None known               |
| Partition coefficient: n-octanol/water | No data available | None known               |
| Autoignition Temperature               | No data available | None known               |
| Decomposition Temperature              | No data available | None known               |
| Viscosity                              | No data available | None known               |
| <b>Flammable Properties</b>            | Not flammable     |                          |
| <b>Explosive Properties</b>            | No data available |                          |
| <b>Oxidizing Properties</b>            | No data available |                          |
| <b>Other information</b>               |                   |                          |
| VOC Content (%)                        | Negligible        |                          |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information****Inhalation**

No known hazard by inhalation.

**Eye Contact**

No known hazard by eye contact

**Skin Contact**

No known hazard in contact with skin.

**Ingestion**

May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Chemical Name   | LD50 Oral            | LD50 Dermal | LC50 Inhalation |
|---|----------------------|-------------|-----------------|
| Lubricating greases<br>A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc. | = 2280 mg/kg ( Rat ) | -           | -               |
| Calcium oxide   | = 500 mg/kg ( Rat )  | -           | -               |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen.

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** 39.3% of the mixture consists of ingredient(s) of unknown toxicity.

*The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 2105 mg/kg; Acute toxicity estimate

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IMDG/IMO**

|   |                           |
|---|---------------------------|
| <b>14.1. UN-Number</b>  | Not regulated.            |
| <b>14.2. Proper Shipping Name</b>   | Not regulated.            |
| <b>14.3. Hazard Class</b>   | Not regulated.            |
| <b>14.4. Packing Group</b>  | Not regulated.            |
| <b>Description</b>  | Not applicable.           |
| <b>14.5. Marine Pollutant</b>   | None.                     |
| <b>14.6. Special Provisions</b>   | None.                     |
| <b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | No information available. |

**RID**

|                                   |                 |
|-----------------------------------|-----------------|
| <b>14.1. UN-Number</b>            | Not regulated.  |
| <b>14.2. Proper Shipping Name</b> | Not regulated.  |
| <b>14.3. Hazard Class</b>         | Not regulated.  |
| <b>14.4. Packing Group</b>        | Not regulated.  |
| <b>Description</b>                | Not applicable. |
| <b>14.5. Environmental hazard</b> | None.           |
| <b>14.6. Special Provisions</b>   | None.           |

**ADR**

|                                   |                 |
|-----------------------------------|-----------------|
| <b>14.1. UN-Number</b>            | Not regulated.  |
| <b>14.2. Proper Shipping Name</b> | Not regulated.  |
| <b>14.3. Hazard Class</b>         | Not regulated.  |
| <b>14.4. Packing Group</b>        | Not regulated.  |
| <b>Description</b>                | Not applicable. |
| <b>14.5. Environmental hazard</b> | None.           |
| <b>14.6. Special Provisions</b>   | None.           |

**ICAO**

- 14.1. UN-Number Not regulated.
- 14.2. Proper Shipping Name Not regulated.
- 14.3. Hazard Class Not regulated.
- 14.4. Packing Group Not regulated.
- Description Not applicable.
- 14.5. Environmental hazard None.
- 14.6. Special Provisions None.

**IATA**

- 14.1. UN-Number Not regulated.
- 14.2. Proper Shipping Name Not regulated.
- 14.3. Hazard Class Not regulated.
- 14.4. Packing Group Not regulated.
- Description Not applicable.
- 14.5. Environmental hazard None.
- 14.6. Special Provisions None.

**15. REGULATORY INFORMATION**

**International Inventories**

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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.

**SARA 311/312 Hazard Categories**

- Acute Health Hazard No
- Chronic Health Hazard No
- Fire Hazard No
- Sudden Release of Pressure Hazard No
- Reactive Hazard No

**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.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

X" designates that the ingredients are listed on the state right to know list.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---------------|------------|---------------|--------------|----------|--------------|
| Graphite      | X          | X             | X            |          | X            |
| Talc          | X          | X             | X            |          | X            |
| Mica          | X          | X             | X            |          | X            |
| Ptfe          |            |               | X            |          | X            |
| Calcium oxide | X          | X             | X            |          | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

|                    |                 |                |                   |                                 |
|--------------------|-----------------|----------------|-------------------|---------------------------------|
| <b><u>NFPA</u></b> | Health Hazard 1 | Flammability 1 | Instability 0     | Physical and Chemical Hazards - |
| <b><u>HMS</u></b>  | Health Hazard 1 | Flammability 1 | Physical Hazard 0 | Personal Protection X           |

|                      |  |
|----------------------|--|
| <b>Prepared By</b>   | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| <b>Issuing Date</b>  | 21-Oct-2014  |
| <b>Revision Date</b> | 15-Mar-2017  |
| <b>Revision Note</b> | Updated company information.   |

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**