



## Blue Ram EP 1.5 Grease

### Safety Data Sheet

#### Section 1: PRODUCT AND COMPANY IDENTIFICATION

##### Product Identifier

**Material Name:** Blue Ram EP 1.5 Grease  
**Synonyms:** Oil-based Grease  
**Restrictions on Use:** None known.

##### Supplier

|   |  |
|---|--|
| <b>Boss Lubricants</b><br>112, 6303 30 St. SE<br>Calgary, AB<br>T2C 1R4 | <b>Emergency Phone Number(s)</b><br><b>Business:</b> (800) 844-9457<br><b>Fax #:</b> (403) 279-2272<br><b>www.bosslubricants.com</b> |
| <b>Issue Date:</b>  | May 4, 2018  |
| <b>Supersedes Issue Date:</b>   | January 01, 2015   |

#### Section 2: HAZARDS IDENTIFICATION

Classification in accordance with Schedule 1 of Canada's Hazardous Products Regulations (HPR) (SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States

Classification of the substance mixture: The product is not classified according to the Globally Harmonized System (GHS)

##### Label Elements

**GHS Label Elements:** Void  
**Hazard Pictograms:** Void  
**Signal Word:** Void  
**Hazard Statements:** Void

##### Classification System

##### NFPA ratings (scale 0-4)

**Health:** 0  
**Fire:** 1  
**Reactivity:** 0

##### HMIS ratings (scale 0-4)

**Health:** 0  
**Fire:** 1  
**Reactivity:** 0

#### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions

**Dangerous Components**



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| CAS        | Component Name                                 | Percent     |
|------------|--|-------------|
| 68584-23-6 | C10-C16 alkylbenzenesulfonic acid calcium salt | 2.5-10% w/w |

### Section 4: FIRST AID MEASURES

**Description of first aid measures**

|  |  |  |
|--|--|--|
| <b>General Information:</b>  | No special measures required.  |  |
| <b>Inhalation:</b>   | Supply fresh air; consult doctor in case of complaints.  |  |
| <b>Skin:</b>   | Generally the product does not irritate the skin   |  |
| <b>Eye:</b>  | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. |  |
| <b>Ingestion:</b>  | If symptoms persist consult a doctor.  |  |
| <b><u>Information for Doctor</u></b>   |  |  |
| <b>Most Important Symptoms/Effects:</b>  |  |  |
| <b>Acute:</b>  | No information on significant adverse effects.   |  |
| <b>Delayed:</b>  | No information on significant adverse effects.   |  |
| <b>Indication of any immediate medical attention and special treatment needed:</b> | No further relevant information available.   |  |

### Section 5: FIRE FIGHTING MEASURES

**Extinguishing Media**

|   |  |  |
|---|--|--|
| <b>Suitable extinguishing agents:</b>                         | Use firefighting measures that suit the environment. |  |
| <b>Special hazards arising from the substance or mixture:</b> | No further relevant information available.           |  |
| <b><u>Advice for firefighters</u></b>                         |  |  |
| <b>Protective equipment:</b>                                  | No special measures required.                        |  |

### Section 6: ACCIDENTAL RELEASE MEASURES

|   |   |  |
|---|---|--|
| <b>Personal Precautions, Protective Equipment and Emergency Procedures:</b> | Not required.   |  |
| <b>Methods and Materials for Containment and Cleaning Up:</b>               | Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust.)<br>Dispose contaminated material as waste according to item 13 |  |
| <b>Environmental Precautions:</b>   | Inform respective authorities in case of seepage into water course or sewage system.<br>Do not allow to enter sewers/ surface or ground water.                  |  |
| <b>Reference to other sections:</b>   | See Section 7 for information on safe handling.<br>See Section 8 for information on personal protection equipment.<br>See Section 13 for disposal information.  |  |





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### Section 7: HANDLING AND STORAGE

|   |  |
|---|--|
| <b>Precautions for safe handling:</b>                             | No special measures required.              |
| <b>Information about protection against explosions and fires:</b> | No special measures required.              |
| <b>Requirements to be met by storerooms and receptacles:</b>      | No special requirements.                   |
| <b>Information about storage in one common storage facility:</b>  | Not required                               |
| <b>Further information about storage conditions:</b>              | Keep receptacle tightly sealed             |
| <b>Specific end use(s):</b>                                       | No further relevant information available. |

### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical systems:** No further data; see item 7

#### Control parameters

**Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis

#### Exposure Controls

##### **Personal Protective Equipment:**

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.

**Skin:** Immediately remove all soiled and contaminated clothing.

**Eye:** Avoid contact with the eyes.

**Breathing equipment:** Not required.

**Protection of Hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the Preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and Degradation.

**Material of Gloves:** The selection of the suitable gloves does not only depend on the material, but also on the further marks of quality and varies from the manufacturer to manufacturer.  
As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:** The exact breakthrough time has to be found out by the manufacturer of the gloves and has to be observed.

**Eye Protection:** Goggles recommended during the filling.



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### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |                                  |   |                           |
|---|----------------------------------|---|---------------------------|
| <b>Appearance:</b>                                | Bleu                             | <b>Physical State:</b>                          | Semi-Solid                |
| <b>Odor:</b>                                      | Petroleum-like                   | <b>Color:</b>                                   | Bleu                      |
| <b>Odor Threshold:</b>                            | Not available                    | <b>pH:</b>                                      | Not available             |
| <b>Melting Point:</b>                             | Not available                    | <b>Boiling Point:</b>                           | 370°C                     |
| <b>Boiling Point Range:</b>                       | Not available                    | <b>Freezing point:</b>                          | Not available             |
| <b>Evaporation Rate:</b>                          | Not available                    | <b>Flammability (solid, gas):</b>               | Not available             |
| <b>Autoignition Temperature:</b>                  | >315 °C                          | <b>Flash Point:</b>                             | 226°C                     |
| <b>Lower Explosive Limit:</b>                     | Not available                    | <b>Decomposition temperature:</b>               | Not available             |
| <b>Upper Explosive Limit:</b>                     | Not available                    | <b>Vapor Pressure:</b>                          | Not available             |
| <b>Vapor Density (air=1):</b>                     | Not available                    | <b>Specific Gravity: (water=1)</b>              | Not available             |
|   |                                  | <b>Partition coefficient: (n-octanol/water)</b> | Not available             |
| <b>Water Solubility:</b>                          | Insoluble                        | <b>Kinematic viscosity:</b>                     | Not available             |
| <b>Viscosity:</b>                                 | Not available                    | <b>Density:</b>                                 | 1.17415 g/cm <sup>3</sup> |
| <b>Solubility (Other):</b>                        | Not miscible or difficult to mix | <b>Molecular Weight:</b>                        | Not available             |
| <b>Pour Point:</b>                                | Not available                    |   |                           |
| <b>Volatile Organic Compounds: (As regulated)</b> | Not available                    |   |                           |

### Section 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity:</b>                                      | No further relevant information available             |
| <b><u>Chemical Stability</u></b>                        |   |
| <b>Thermal decomposition/ conditions to be avoided:</b> | No decomposition if used according to specifications. |
| <b>Possibility of Hazardous Reactions:</b>              | No dangerous reactions known.                         |
| <b>Conditions to Avoid:</b>                             | No further relevant information available.            |
| <b>Incompatible Materials:</b>                          | No further relevant information available.            |
| <b>Hazardous decomposition products:</b>                | No dangerous decomposition products known.            |

### Section 11: TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

**Acute toxicity:**

**LD/LC50 values that are relevant for classification:**

**ATE (Acute Toxicity Estimate)**

|        |      |                     |
|--------|------|---------------------|
| Oral   | LD50 | >43,150 mg/kg (rat) |
| Dermal | LD50 | >13,035 mg/kg       |





## Blue Ram EP 1.5 Grease

### Primary Irritant Effect:

**Skin:** No irritant effect  
**Eye:** No irritant effect  
**Sensitization:** No sensitizing effects known.

**Additional Toxicological Information:** The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### Carcinogenic categories:

**IARC (International Agency for Research on Cancer)**

128-37-0      2,6-di-tert-butyl-p-cresol

**NTP (National Toxicology Program):** None of the ingredients is listed.

## Section 12: ECOLOGICAL INFORMATION

### Toxicity

**Aquatic Toxicity** No further relevant information available.

**Persistence and Degradability:** No further relevant information available.

### Behaviour in environmental systems

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in soil:** No information available for the product.

### Additional Ecological Information

**General Notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

**Other adverse effects:** No further relevant information available.

## Section 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Recommendation:** Smaller quantities can be disposed of with household waste.

### Uncleaned Packaging

**Recommendation:** Disposal must be made according to official regulations.

## Section 14: TRANSPORT INFORMATION

**Basic Description:** Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

### DOT



## Blue Ram EP 1.5 Grease

|  |  |
|--|--|
| <b>Proper Shipping Name:</b>             | Not regulated for transport.   |
| <b>UN Number:</b>                        | Not regulated for transport.   |
| <b>Hazard Class:</b>                     | Not regulated for transport.   |
| <b>Packing Group:</b>                    | Not regulated for transport.   |
| <b><u>TDG</u></b>                        |  |
| <b>Proper Shipping Name:</b>             | Not regulated for transport.   |
| <b>UN Number:</b>                        | Not regulated for transport.   |
| <b>Hazard Class:</b>                     | Not regulated for transport.   |
| <b>Packing Group:</b>                    | Not regulated for transport.   |
| <b><u>IMDG</u></b>                       |  |
| <b>Proper Shipping Name:</b>             | Not regulated for transport.   |
| <b>UN Number:</b>                        | Not regulated for transport.   |
| <b>Hazard Class:</b>                     | Not regulated for transport.   |
| <b>Packing Group:</b>                    | Not regulated for transport.   |
| <b>Marine Pollutant:</b>                 | Not regulated for transport.   |
| <b><u>IATA</u></b>                       |  |
| <b>Proper Shipping Name:</b>             | Not regulated for transport.   |
| <b>UN Number:</b>                        | Not regulated for transport.   |
| <b>Hazard Class:</b>                     | Not regulated for transport.   |
| <b>Packing Group:</b>                    | Not regulated for transport.   |
| <b>International Bulk Chemical Code:</b> | This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk. |

|   |
|---|
| <b>Section 15: REGULATORY INFORMATION</b> |
|---|

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

|  |  |
|--|--|
| <b>Section 335 (Extremely Hazardous Substances):</b>     | None of the ingredients listed.                        |
| <b>Section 313 (Specific Toxic Chemical Listings):</b>   | None of the ingredients listed.                        |
| <b>TSCA (Toxic Substances Control Act):</b>              | All ingredients are listed.                            |
| <b><u>Canadian Substance Listing</u></b>                 |  |
| <b>Canadian Domestic Substances List (DSL):</b>          | All ingredients are listed.                            |
| <b>Canadian Ingredient Disclosure list (limit 0.1%):</b> | None of the ingredients is listed.                     |
| <b>Canadian Ingredient Disclosure list (limit 1%):</b>   | None of the ingredients is listed.                     |
| <b>GHS labels elements:</b>                              | Void   |
| <b>Hazard Pictograms:</b>                                | Void   |
| <b>Signal Word:</b>                                      | Void   |
| <b>Hazard statements:</b>                                | Void   |
| <b>Chemical Safety Assessment:</b>                       | A Chemical Safety Assessment has not been carried out. |





## Blue Ram EP 1.5 Grease

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|--------------------------------------|
| <b>Section 16: OTHER INFORMATION</b> |
|--------------------------------------|

**Issue Date:** May 4, 2018  
**Supersedes Issue Date:** January 01, 2015  
**Revision Information:** Update to SDS.

**References**

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|--|--|
| <p><b>ACGIH:</b> American Conference of Governmental Industrial Hygienists</p> <p><b>AIHA:</b> American Industrial Hygiene Association</p> <p><b>BOD:</b> Biochemical Oxygen Demand</p> <p><b>°C:</b> Celsius</p> <p><b>CAS:</b> Chemical Abstracts Service</p> <p><b>CERCLA:</b> Comprehensive Environmental Response, Compensation, and Liability Act</p> <p><b>CFR:</b> Code of Federal Regulations</p> <p><b>CPR:</b> Controlled Products Regulations</p> <p><b>DOT:</b> United States Department of Transportation</p> <p><b>DSL:</b> Domestic Substances List</p> <p><b>EPA:</b> Environmental Protection Agency</p> <p><b>°F:</b> Fahrenheit</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labeling of Chemicals</p> <p><b>HMIS:</b> Hazardous Materials Identification System</p> <p><b>IARC:</b> International Agency for Research on Cancer</p> <p><b>IATA:</b> International Air Transportation Association</p> <p><b>IDLH:</b> Immediately Dangerous to Life or Health</p> | <p><b>IMDG:</b> International Maritime Dangerous Goods</p> <p><b>IUCLID:</b> International Uniform Chemical Information Database</p> <p><b>NFPA:</b> National Fire Protection Association</p> <p><b>NIOSH:</b> National Institute for Occupational Safety and Health</p> <p><b>NTP:</b> National Toxicology Program</p> <p><b>OSHA:</b> Occupational Safety and Health Administration</p> <p><b>PEL:</b> Permissible Exposure Limit</p> <p><b>RTK:</b> Right-to-Know</p> <p><b>SARA:</b> Superfund Amendments and Reauthorization Act</p> <p><b>STEL:</b> Short-term Exposure Limit</p> <p><b>TDG:</b> Transportation of Dangerous Goods</p> <p><b>TLV:</b> Threshold limit value</p> <p><b>TSCA:</b> Toxic Substances Control Act</p> <p><b>TWA:</b> Time weighted average</p> <p><b>UN:</b> United Nations</p> <p><b>WHMIS:</b> Workplace Hazardous Materials Information System</p> |
|--|--|

**Disclaimer** This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

