



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

Boss Lubricants 112, 6303 30 St. SE Calgary, AB T2C 1R4	Emergency Phone Number(s) Business: (800) 844-9457 Fax #: (403) 279-2272 www.bosslubricants.com
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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

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

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media

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

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions,

Protective Equipment and

Emergency Procedures:

Methods and Materials for

Containment and Cleaning Up:

Environmental Precautions:

Reference to other sections:

Not required.

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust.)

Dispose contaminated material as waste according to item 13

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.





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Section 7: HANDLING AND STORAGE

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

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

Section 10: STABILITY AND REACTIVITY

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





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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



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

Section 15: REGULATORY INFORMATION

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

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



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Section 16: OTHER INFORMATION

Issue Date: May 4, 2018
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Revision Information: Update to SDS.

References

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

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.

