



**Good Stuff Tire & Tube Mounting Compound**  
SDS Preparation Date (mm/dd/yyyy): 06/05/2017

Classic OTR Formula  
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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label**

: **Good Stuff Tire & Tube Mounting Compound**

**Product Code(s)** : Classic OTR Formula

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

: Heavy duty tire mounting lubricant.

**Chemical family** : Mixture of: Water; Potassium Salt; Amino alcohol

**Name, address, and telephone number of the supplier:**

**Global Mining Products Inc.**

100 – 20329 Logan Avenue  
Langley, B.C., Canada  
V3A 4L8

Supplier's Telephone # : (604) 538-0058

**Name, address, and telephone number of the manufacturer:**

Refer to supplier

**Emergency Medical Contact: INFOTRAC: 1-800-535-5053 OR 352-323-3500 24/7/365**

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical**

Soft paste. Clear amber colour. Mild, soapy odour.

*Most important hazards:*

Causes serious eye irritation. For further information, please refer to section 11 of the SDS.

Very toxic to aquatic life. Avoid release to the environment. See Section 12 for more environmental information.

This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

**Classification:**

Eye damage/irritation - Category 2A

**Label elements**

*Hazard pictogram(s)*



*Signal Word*

Warning!

*Hazard statement(s)*

Causes serious eye irritation.

*Precautionary statement(s)*

Wash hands and face thoroughly after handling.

Wear eye/face protection.

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.



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### Other hazards

*Other hazards which do not result in classification:*

Toxic fumes may be released during a fire. May be mildly irritating to skin and respiratory system. May cause gastrointestinal irritation.

*Environmental precautions:*

Very toxic to aquatic life. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Avoid release to the environment. See Section 12 for more environmental information.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Potassium oleate	Potassium cis-9-octadecenoic acid Oleic acid, potassium salt	143-18-0	44.9

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Do not induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. Call a physician.
- Inhalation* : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stops, provide artificial respiration. If irritation or symptoms develop, seek medical attention.
- Skin contact* : For skin contact, wash with soap and water while removing contaminated clothing. If irritation or symptoms develop, seek medical attention. Launder contaminated clothing before reuse.
- Eye contact* : 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.

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

- : Causes serious eye irritation. Symptoms will include pain, redness and tearing. May be mildly irritating to skin and respiratory system. Direct skin contact may cause temporary redness. May cause mild respiratory irritation at higher temperatures. May cause coughing and breathing difficulties. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

- : Provide general supportive measures and treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

*Suitable extinguishing media*

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

*Unsuitable extinguishing media*

- : None known.

#### Special hazards arising from the substance or mixture / Conditions of flammability

- : Not considered flammable. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

#### Hazardous combustion products

- : Carbon oxides; Potassium oxides; Other irritating fumes and smoke.



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### Special protective equipment and precautions for firefighters

*Protective equipment for fire-fighters*

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

*Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

- : Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Wear appropriate protective equipment. Refer to protective measures listed in sections 7 and 8.

#### Environmental precautions

- : Prevent product from entering drains, sewers, waterways and soil. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

#### Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Scrape up product and place it into a container for disposal. Use inert, non-combustible absorbents to assist the pick up of material. Keep in properly labelled containers. Contact the proper local authorities. For waste disposal, see Section 13 of the SDS.

### SECTION 7. HANDLING AND STORAGE

#### Precautions for safe handling

- : Use with adequate ventilation. Wear suitable protective equipment during handling. Wear eye/face protection. Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling.

#### Conditions for safe storage

- : Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

#### Incompatible materials

- : Strong oxidizing agents; Strong acids

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Potassium oleate	N/Av	N/Av	N/Av	N/Av

**Exposure controls**

#### Ventilation and engineering measures

- : Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.



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- Respiratory protection** : If airbourne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with CSA Z94.4-02. Advice should be sought from respiratory protection specialists.
- Skin protection** : Gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear sufficient clothing to prevent skin contact.
- Eye / face protection** : Wear eye/face protection. Wear as appropriate: Tightly fitting safety goggles; Safety glasses with side shields. A full face shield may also be necessary.
- Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Soft paste. Clear amber colour.
- Odour** : Mild, soapy odour.
- Odour threshold** : N/Av
- pH** : 10 - 10.5
- Melting/Freezing point** : 0°C (32°F)
- Initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : None.
- Flashpoint (Method)** : N/Av
- Evaporation rate (BuAe = 1)** : N/Av
- Flammability (solid, gas)** : Not applicable.
- Lower flammable limit (% by vol.)** : N/Av
- Upper flammable limit (% by vol.)** : N/Av
- Oxidizing properties** : None known.
- Explosive properties** : Not explosive
- Vapour pressure** : N/Av
- Vapour density** : N/Av
- Relative density / Specific gravity** : 1.02
- Solubility in water** : Soluble. 100%
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av
- Viscosity** : N/Av
- Volatiles (% by weight)** : N/Av
- Volatile organic Compounds (VOC's)** : Nil
- Absolute pressure of container** : N/Av
- Flame projection length** : N/Av



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### Other physical/chemical comments

: No additional information.

### SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.

**Chemical stability** : Stable under the recommended storage and handling conditions prescribed.

#### Possibility of hazardous reactions

: No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.

**Conditions to avoid** : Avoid heat and open flame. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**Incompatible materials** : Strong oxidizing agents; Strong acids

#### Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

**Routes of exposure skin absorption**

: NO

#### Potential Health Effects:

##### Signs and symptoms of short-term (acute) exposure

###### *Sign and symptoms Inhalation*

: May cause mild respiratory irritation at higher temperatures. May cause coughing and breathing difficulties.

###### *Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

###### *Sign and symptoms skin*

: Direct skin contact may result in little or no irritation. May cause mild skin irritation on prolonged contact. Direct skin contact may cause temporary redness.

###### *Sign and symptoms eyes*

: Causes serious eye irritation. Symptoms will include pain, redness and tearing.

##### Potential Chronic Health Effects

: None known or reported by the manufacturer.

##### Mutagenicity

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

##### Carcinogenicity

: Not known to be carcinogenic.  
No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

##### Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

##### Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

##### Specific target organ effects

: The substance or mixture is not classified as specific target organ toxicant, single exposure. The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

##### Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

##### Synergistic materials

: None known or reported by the manufacturer.



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**Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub> (4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Potassium oleate	N/Av	> 5000 mg/kg	> 2000 mg/kg

**Other important toxicological hazards**

: None known or reported by the manufacturer.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** : Toxic to aquatic life. No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The product contains the following substances which are hazardous for the environment: Potassium oleate.

See the following tables for individual ingredient ecotoxicity data.

**Ecotoxicity data:**

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Potassium oleate	143-18-0	23 mg/L (Bluegill sunfish) (exceeds expected water solubility)	N/Av	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Potassium oleate	143-18-0	0.57 mg/L (Daphnia magna)	N/Av	1

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Potassium oleate	143-18-0	41 mg/L/72hr (Green algae) (exceeds expected water solubility)	N/Av	None.

**Persistence and degradability**

: No data is available on the product itself.  
The following ingredients are considered to be readily biodegradable: Potassium oleate.

**Bioaccumulation potential**

: No data is available on the product itself. See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Potassium oleate (CAS 143-18-0)	3.9	3.16 - 56.2 (calculated)

**Mobility in soil**

: The product itself has not been tested.



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**Other Adverse Environmental effects**

- : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Handling for Disposal**

- : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way. Do not allow this material to drain into sewers/water supplies.

**Methods of Disposal**

- : Dispose of in accordance with federal, provincial and local hazardous waste laws.

**SECTION 14. TRANSPORTATION INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Potassium oleate)	9	III	
<b>TDG Additional information</b>	This material may be shipped as an exempted marine pollutant in accordance with TDG Section 1.45.1 and Special Provision 99.				
ICAO/IATA	UN3077	Environmentally hazardous substance, solid, n.o.s. (Potassium oleate)	9	III	
<b>ICAO/IATA Additional information</b>	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material. The 'Environmentally hazardous' mark must appear on packagings holding more than 5 kg of the material.				
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Potassium oleate)	9	III	
<b>IMDG Additional information</b>	May be shipped as Limited Quantity when transported in containers no larger than 5.0 kg; in packages not exceeding 30 kg gross mass. The 'Environmentally hazardous' mark must appear on packagings holding more than 5 kg of the material.				

**Special precautions for user**

- : Appropriate advice on safety must accompany the package. Avoid release to the environment.

**Environmental hazards**

- : This mixture meets the criteria for an environmentally hazardous material according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- : This information is not available.

**SECTION 15 - REGULATORY INFORMATION**

**Canadian Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian National Pollutant Release Inventory (NPRI): This product does not contain any substances listed on the NPRI.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.



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**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

**International Information:**

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	<u>CAS #</u>	<u>European EINECS</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea KECI/KECL</u>	<u>China IECSC</u>	<u>New Zealand IOC</u>
Potassium oleate	143-18-0	205-590-5	Present	Present	(2)-611	KE-26510	Present	May be used as a component in a product covered by a group standard, but is not approved for use as a chemical in its own right.

**SECTION 16. OTHER INFORMATION**

**Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- CAS: Chemical Abstract Services
- CSA: Canadian Standards Association
- EC50: Effective Concentration 50%
- EINECS: European Inventory of Existing Commercial chemical Substances
- ENCS: Existing and New Chemical Substances
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IBC: Intermediate Bulk Container
- IECSC: Inventory of Existing Chemical Substances
- IMDG: International Maritime Dangerous Goods
- IOC: Inventory of Chemicals
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Ap: Not Applicable
- N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- RTECS: Registry of Toxic Effects of Chemical Substances
- SDS: Safety Data Sheet
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System





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- References**
- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2017.
  - 2. International Agency for Research on Cancer Monographs, searched 2017.
  - 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2017 (Chempendium, HSDB and RTECs).
  - 4. Material Safety Data Sheets from manufacturer.
  - 5. US EPA ECOTOX Aquatic Report, Potassium oleate - May 2017.
  - 6. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2017.

**Preparation Date (mm/dd/yyyy)**

: 06/05/2017

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

**Prepared for:**

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