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## SECTION 1) Chemical Product and Supplier's Identification

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**Product ID :** 571014  
**Product Name :** BAR & CHAIN LUBRICANT WINTER BLEND  
**Revision Date :** 10/06/2014  
**Manufacturer's Name :** Martin Lubricants  
**Address :** 484 East 6th Street Smackover, AR, US, 71762  
**Emergency Phone :** CHEMTREC: 1-800-424-9300  
**Information Phone :** 1-870-881-8700  
**Date Printed :** 10/06/2014  
**Product/Recommended Uses:** Lubricating oil

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## SECTION 2) Hazards Identification

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**Classification:**

Carcinogenicity - Category 1

**Pictograms:**



**Signal Word:**

Danger

**Hazard Statements:**

May cause cancer.

**Precautionary Statements - General:**

Read label before use.  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

**Precautionary Statements - Prevention:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response:**

IF exposed or concerned: Get medical advice/attention.

**Precautionary Statements - Storage:**

Store locked up.

**Precautionary Statements - Disposal:**

Dispose of contents/container to disposal recycling center.  
Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

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### SECTION 3) Composition / Information on Ingredients

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CAS	Chemical Name	% by Weight
0064742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	68% - 92%
0064742-53-6	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	11% - 23%
0064742-58-1	Lubricating oils (petroleum), hydrotreated spent	0.1% - 1.3%
0009003-27-4	POLYISOBUTYLENE	Trace

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### SECTION 4) First-aid Measures

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**Inhalation:**

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.

**Eye Contact:**

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

**Skin Contact:**

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

**Ingestion:**

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

IF exposed or concerned: Get medical advice/attention.

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### SECTION 5) Fire-fighting Measures

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**Suitable Extinguishing Media:**

Dry chemical, carbon dioxide water spray or fog or foam is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when apply carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

**Unsuitable Extinguishing Media:**

Do not use water in a jet.

**Specific Hazards in Case of Fire:**

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified organic and inorganic compounds.

Oxides of C, S and N. Additional byproducts include hydrogen sulfide, alkyl mercaptan and other sulfides.

Dense smoke may be generated while burning. Toxic fumes, gases or vapors may evolve on burning. Heavy flammable vapors may settle along ground level and low spots to create an invisible fire hazard. The vapors may extend to sources of ignition and flash back.

**Fire-fighting Procedures:**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

**Special protective actions:**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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### SECTION 6) Accidental Release Measures

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**Emergency Procedure:**

Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Collect with absorbent, non-combustible material into suitable containers. Transfer to a container for disposal. Large spills, once contained, may be picked up using explosion proof, non sparking vacuum pumps, shovels, or buckets, and disposed of in suitable containers for disposal. Local authorities should be advised if significant spillages cannot be contained.

Spill procedures (water): Remove from surface by skimming or with suitable adsorbents. If a large spill occurs notify appropriate authorities.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

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**Recommended equipment:**

Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

**Personal Precautions:**

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

**SECTION 7) Handling and Storage**

**General:**

- Wash hands after use.
- Do not get in eyes, on skin or on clothing.
- Do not breathe vapors or mists.
- Use good personal hygiene practices.
- Eating, drinking and smoking in work areas is prohibited.
- Remove contaminated clothing and protective equipment before entering eating areas.
- Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.

**Ventilation Requirements:**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**Storage Room Requirements:**

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

**SECTION 8) Exposure Controls/Personal Protection**

**Eye protection:**

Chemical goggles, safety glasses with side shields or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

**Respiratory protection:**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours.

**Skin protection:**

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Chemical Name	ACGIH	ACGIH_car cinogen	ACGIH_No tations	ACGIH_TL V_Basis	ACGIHsmg	ACGIHspp m	ACGIHtmg	ACGIHtpp m	NIOSH_car cinogen	nioshsmg	nioshsppm	nioshtmg
Baseoil - unspecified												
Baseoil - unspecified												
Lubricating oils (petroleum), hydrotreated spent												

Chemical Name	nioshtppm	OSHA	OSHA_Ski nDesignati on	OSHACarci nogen	OSHA smg	OSHA spp m	OSHA- Tables- Z1,2,3	OSHA tmg	OSHA tppm
Baseoil - unspecified		1					1	2000	500
Baseoil - unspecified		1					1	2000	500

Lubricating oils (petroleum), hydrotreated spent		1				1	2000	500
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## SECTION 9) Physical and Chemical Properties

### Physical Properties

Density	7.717
% Solids By Weight	61.160%
Density VOC	2.986
% VOC	38.691%
VOC Actual [lb/gal]	2.986
VOC Actual [g/l]	357.776
Specific Gravity	0.925
VOC Regulatory [lb/gal]	2.986
VOC Regulatory [g/l]	357.779

Appearance	Amber, clear fluid
Odor Threshold	N.A.
Odor Description	Mild petroleum hydrocarbon odor
pH	N.A.
Water Solubility	Negligible in water
Flammability	Flash Point at or above 200 °F
Flash Point Symbol	N.A.
Flash Point	166°C (331°F)
Viscosity	60.00 cSt at 40°C (104°F) or 6.54 cSt at 100°C (212°F)
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	Negligible at STP
Vapor Density	>1 at STP
Freezing Point	N.A.
Melting Point	N.A.
Low Boiling Point	Not determined. Expected to be > 260°C (500°F)
High Boiling Point	N.A.
Auto Ignition Temp	N.A.
Decomposition Pt	N.A.
Evaporation Rate	Negligible at STP
Coefficient Water/Oil	N.A.

## SECTION 10) Stability and Reactivity

### Stability:

Stable

### Hazardous Polymerization:

Will not occur.

### Conditions to Avoid:

Avoid direct sunlight, extremes of temperatures and contact with incompatible materials.

Avoid high temperatures and product contamination.

### Incompatible Materials:

Strong oxidising agents.

### Hazardous Decomposition Products:

Smoke, carbon monoxide and dioxide and other aldehydes of incomplete combustion. Oxides of C,N and S. Hydrogen sulfide and alkyl mercaptans and other sulfides may be released.

## SECTION 11) Toxicological Information

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**Acute Toxicity:**

If inhalation : Overexposure by inhalation of hot material may cause nonspecific discomfort, such as nausea, headache or weakness. Caution should be taken to prevent forming aerosol or misting of this product without proper respiratory protection.

**Skin Corrosion/Irritation:**

No data available.

**Serious eye damage/irritation:**

Avoid prolonged contact with the eyes, which may cause mild eye discomfort, tearing, or blurring of vision.

**Respiratory or skin sensitization:**

Prolonged or repeated contact may lead to an allergic skin sensitization in some people and dermatitis (dryness, chapping and reddening of skin).

**Germ Cell Mutagenicity:**

No data available.

**Carcinogenicity:**

May cause cancer.

**Reproductive Toxicity:**

No data available.

**Specific Target Organ Toxicity - Single Exposure:**

No data available.

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available.

**Aspiration Hazard(s):**

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value

0064742-53-6 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC

LC50 (Rodent - rat , Inhalation) : 2180 mg/m<sup>3</sup> (4 hours exposure) Toxic effects : Lungs, Thorax, or Respiration - structural or functional change in trachea or bronchi

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Behavioral - somnolence (general depressed activity) LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg, Toxic effects : Skin and Appendages - primary irritation (after topical exposure)

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**SECTION 12) Ecological Information**

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**Toxicity:**

No data available

**Persistence and Degradability:**

No data available.

**Bio-accumulative Potential:**

CAS 64742-52-5 Mineral oil, petroleum distillates, hydrotreated (Mild) heavy naphthenic : Contains constituents with the potential to bioaccumulate.

**Mobility in Soil:**

CAS 64742-52-5 Mineral Oil, Petroleum distillates, hydrotreated (Mild) heavy naphthenic : Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

**Other Adverse Effects:**

No data available.

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**SECTION 13) Disposal Considerations**

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**Waste Disposal:**

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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**SECTION 14) Transport Information**

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**U.S. DOT Information:**

Bulk Shipping Description: Does not apply to bulk oil shipping.

Non-Bulk Shipping Description: Does not apply to non-bulk oil shipping.

Identification Number: Not applicable.

Hazard Classification: Not applicable.

Other: See 49 CFR for additional requirements for descriptions, allowed modes of transport and packaging. For more information concerning spills during transport, consult latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

**IMDG Information:**

This material is not classified as dangerous under IMDG regulations.

**IATA Information:**

This material is not classified as dangerous under IATA regulations.

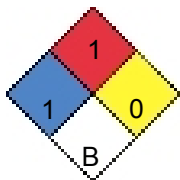
**SECTION 15) Regulatory Information**

CAS	Chemical Name	% By Weight	Regulation List
0009003-27-4	1-Propene, 2-methyl-, homopolymer	0.0% - 0.1%	SARA312,TSCA,TX_ESL
0064742-52-5	Baseoil - unspecified	68% - 92%	SARA312,TSCA,OSHA
0064742-53-6	Baseoil - unspecified	11% - 23%	SARA312,TSCA,OSHA
0064742-58-1	Lubricating oils (petroleum), hydrotreated spent	0.1% - 1.3%	SARA312,TSCA,OSHA

**SECTION 16) Other Information Including Information on Preparation and Revision of the SDS****Glossary:**

ACGIH: American Conference of Governmental Industrial Hygienists  
 ANSI: American National Standards Institute  
 Canadian TDG: Canadian Transportation of Dangerous Goods  
 CAS: Chemical Abstract Service  
 Chemtrec: Chemical Transportation Emergency Center (US)  
 CHIP: Chemical Hazard Information and Packaging  
 DSL: Domestic Substances List  
 EC: Equivalent Concentration  
 EH40 (UK): HSE Guidance Note EH40 Occupational Exposure Limits  
 EPCRA: Emergency Planning and Community Right-To-Know Act  
 HMIS: Hazardous Material Information Service  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 NFPA: National Fire Protection Association  
 OEL: Occupational Exposure Limits OSHA: Occupational Safety and Health Administration, US Department of Labor  
 PEL: Permissible Exposure Limit  
 SARA (Title III): Superfund Amendments and Reauthorization Act  
 SARA 313: Superfund Amendments and Reauthorization Act, Section 313  
 SCBA: Self-Contained Breathing Apparatus  
 STEL: Short Term Exposure Limit  
 TLV: Threshold Limit Value  
 TSCA: Toxic Substances Control Act Public Law 94-469  
 TWA: Time Weighted Value  
 US DOT: US Department of Transportation  
 WHMIS: Workplace Hazardous Materials Information System

## HMIS



Chronic :



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