

SAFETY DATA SHEET

© Carlisle Fluid Technologies, Inc., dba Finishing Brands
PRODUCT RELATED HEALTH DATA SHEET

1. IDENTIFICATION of the SUBSTANCE/MIXTURE and of the COMPANY

1.1 Product identifier

Product Name : Binks Gunners Mate Lube
Product Code : Binks Part No. 6-429
Product Description : LUBRICATING OIL.
SDS # : SDS-10 REVISION #: 3.0.1
CHEMICAL FORMULA: Mineral Oil, Hydrotreated Distillate, Light Paraffinic, Petroleum Hydrocarbon.
CAS NUMBER : 64742-55-8.
Article Code : Not Applicable.
GENERAL USE : A clear oil lubricant.
DATE REVISED: 06/23/2015 **DATE PREPARED:** 06/23/2015

1.2 Relevant identified uses of the substance or mixture and uses advised against
Not applicable.

1.3 Details of the supplier of the safety data sheet

Carlisle Fluid Technologies, Inc., dba Finishing Brands
320 Phillips Ave.
Toledo, Ohio 43612-1467

Technical service number 1-888-992-4657

1.4 Emergency telephone number

Emergency Number - INFOTRAC
EMERGENCY PHONE (24 HOURS):
1-800-535-5053

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition : UVCB.
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] : Asp. Tox. 1, H304
Classification according to Directive 67/548/EEC [DSD] : Asp. Tox. 1, H304
See Section 16 for the full text of the R phrases or H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



Signal word : Danger.
Hazard statements : H304 May be fatal if swallowed and enters airways.

Precautionary statements

Prevention : Not applicable.
Response : P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.



Canada: inside WHMIS box

Storage : P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
Disposal : Not applicable.

Hazards not otherwise classified : Prolonged or repeated contact may dry skin and cause irritation.

Supplemental label elements : Avoid contact with skin and clothing. Wash thoroughly after handling.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Non Hazardous Components:	CAS#	% Wt
Hydrotreated Light Paraffinic Distillate	64742-55-8	100

Substance/mixture : Mixture.

Other means of identification : Not available.

CAS number/other identifiers

CAS number : 64742-55-8.

Product code : Not available.

4. FIRST AID MEASURES

4.1 Description of first aid measures

EYE CONTACT : In case of contact, remove any contact lenses, immediately flush eyes with water for at least 15 minutes and get medical attention.

INHALATION : Remove victim to fresh air. Seek medical attention.

SKIN CONTACT : Wash skin with soap and water, remove contaminated clothing and wash before reuse or discard.

INGESTION : DO NOT induce vomiting. Seek medical attention.

If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : Practically non-irritating to eyes. No effect expected.

Inhalation : Under normal conditions, inhalation is not expected to be a problem. However, respiratory tract irritation may occur if exposed to fumes or mist.

Skin contact : Prolonged unprotected exposure may cause skin irritation.

Ingestion : Relatively non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : Exposure to liquids, vapors, mists, or fumes should be minimized.

Skin contact : Personnel with pre-existing skin disorders should avoid contact with this product.

Ingestion : Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Water fog or spray, foam, dry chemical or carbon dioxide CO₂.

Unsuitable extinguishing media : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

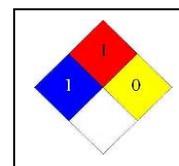
Flammability class :

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Flash Point : > 176.7° C (>350° F).

Autoignition Temperature : 354° C (670° F).

Sensitivity to Static Discharge : None known.



Hazards from the substance or mixture : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Unusual Fire and Explosion Hazards : This material may burn, but will not ignite readily. If the container is not cooled, it can rupture in the heat of a fire.

Hazardous combustion products : May produce incomplete combustion products (CO, CO₂).

Note : 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. Cool equipment exposed to fire with water, if it can be done safely. Avoid spreading burning liquid with water used for cooling purposes.

5.3 Advice for firefighters

Special precautions for fire-fighters : Evacuate area. Prevent runoff from fire control or dilution from entering streams, or drinking water supply. Use water spray to cool fire exposed surfaces and to protect personnel. When the potential chemical hazard is unknown, self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Special protective equipment for fire-fighters : Wear NIOSH/MSHA approved self-contained breathing apparatus or equivalent and full protective gear (Bunker gear) contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

HMIS RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

6.3 Methods and materials for containment and cleaning up

Small spill : Find the source and stop the spill. Eliminate ignition sources. Absorb with dry earth, sand or other non-combustible material and transfer to approved waste containers. This product may burn but will not ignite readily. Dispose of via a licensed waste disposal contractor.

Large spill : Not expected with small (< 1 gal) containers.

6.4 Reference to other sections : Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

Advice on general occupational : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating,

7.2 Conditions for safe storage, including any incompatibilities

drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
 : Keep away from heat and ignition sources. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

7.3 Specific end use(s) Recommendations

: Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Protect container(s) against physical damage.

Industrial sector specific solutions : Empty containers retain product residue and can be hazardous. Do not reuse container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters Occupational exposure limits

Ingredient name	Exposure limits
HYDROTREATED LIGHT PARAFFINIC DISTILATE -EXPOSURE LIMITS OIL MIST	ACGIH TLV TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction OSHA STEL: 10 mg/m ³ 15 minutes Form: Mist

Maintain atmospheric levels of the oil below TLV's or PEL's

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal Protection Equipment

Eye Protection

: Safety glasses or face shields worn over Safety glasses. Chemical safety goggles afford increased protection.

Skin Protection

Hand

: Use Nitrile or other chemically resistant gloves.

Body

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection

: Use a MSHA/NIOSH approved respirator when exposed to high concentrations of oil if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other protective Clothing

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hygienic Practices

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Physical state	: Liquid.
Color	: Clear.
Odor	: Mild Petroleum.
Appearance	: Bright/Transparent.
pH	: Not available.
Melting point	: No data.
Freezing point	: No data.
Initial boiling point and boiling range	: No data.
Flash point	: >350F (ASTM 92).
Flammability (solid, gas)	: Not applicable.
Burning time	: No data.
Burning rate	: No data.
Upper/lower flammability or explosive limits	: No data.
Vapor pressure	: < 1.
Vapor Density (air=1)	: >1.
Density	: Not available.
Solubility in Water	: Insoluble.
Partition coefficient: n- octanol/water	: Not available.
Auto-ignition temperature	: 354° C (670° F).
Decomposition temperature	: No data.
Viscosity	: 20.5 - 114 cSt @ 40° C (typical). 4.1 – 12.6 cSt @ 100° C.
Specific Gravity (water=1)	: 0.84 – 0.88 @ 60° F (15.6° C).
Pour Point	: Not available.
Explosive properties	: Not available.
VOC	: No data.
Oxidizing properties	: Not available.

9.2 Other information
No additional information.

10. STABILITY AND REACTIVITY

10.1 Reactivity	: Under normal conditions of storage and use, hazardous polymerization will not occur.
10.2 Chemical stability	: Stable under normal ambient and anticipated storage conditions.
10.3 Possibility of hazardous Reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Sources of ignition and extended exposure to high temperature.
10.5 Incompatible materials	: Reactive/incompatible with strong oxidizing agents.
10.6 Hazardous decomposition products	: May produce incomplete combustion - carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

11.1 <u>Acutetoxicity</u>	
Effects of Acute Exposure	: Very low toxicity when swallowed.
11.2 <u>Acute toxicity estimates</u>	
Conclusion/Summary	: Not available.
11.3 <u>Irritation/Corrosion</u>	
Conclusion/Summary	: Not available.
11.4 <u>Sensitizer</u>	
Conclusion/Summary	: Not available.
11.5 <u>Mutagenicity</u>	
Conclusion/Summary	: Not available.
11.6 <u>Carcinogenicity</u>	
Conclusion/Summary	: In accordance with the current OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning

11.7 Reproductive toxicity

Conclusion/Summary : Not available.

11.8 Teratogenicity

Conclusion/Summary : Not available.

11.9 Specific target organ toxicity (single exposure)

LD50/oral/rat = >5000 mg/kg

11.10 Specific target organ toxicity (repeated exposure)

Conclusion/Summary : Not available.

11.11 Aspiration hazard

Conclusion/Summary : Aspiration hazard if swallowed. Can enter lungs and cause damage.

11.12 Information on the likely routes of exposure : Ingestion, Inhalation, skin, eye contact.

11.13 Potential acute health effects

Inhalation : May be irritating to the respiratory system.

Ingestion : Aspiration hazard if swallowed. Can enter lungs and cause damage.

Skin contact : May be irritating to skin.

Eye contact : May be irritating to eyes.

11.4 Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : No specific data.

Ingestion : Aspiration hazard if swallowed. Can enter lungs and cause damage.

Skin contact : No specific data.

Eye contact : No specific data.

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

Short term exposure

Potential immediate effects : Very low toxicity when swallowed.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Very low toxicity when swallowed.

Potential delayed effects : Not available.

11.16 Potential chronic health effects

Effects of Chronic Exposure : Not available.

General : Not available.

Carcinogenicity (IARC, ACGIH) : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

11.17 Other information : Not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic

Conclusion/Summary : Very low LL/IL50 > 100mg/l 48/96 hr alga, daphnid and fish.

12.2 Persistence

Conclusion/Summary : Not available.

12.3 Bioaccumulation/Accumulation

Conclusion/Summary : Not available.

12.4 Mobility/Persistence in soil

Conclusion/Summary : Constituents do not evaporate from soil or water. If allowed to contaminate soil, over time this oil may affect ground water quality.

12.5 Degradability/Leaching

Conclusion/Summary : Constituents do not biodegrade.

12.6 Environmental Fate

Conclusion/Summary : Not available.

12.7 Other adverse effects : No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

13.1 Waste treatment methods

Methods of disposal : Disposal can occur only in properly permitted facilities in accordance to local and governmental agencies. Recycle all oil when possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste : Under the Resource Conservation and Recovery Act (RCRA), it is the user of the material to characterize and determine, at the time of disposal, whether the material is a hazardous waste subject. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authorities. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Refer to federal, state and local requirements for disposal (OSHA 1910.107, NFPA 33, 40CFR63 parts 260-262, state AQMD and WQMD, local Waste Management Authority).

13.2 Packaging

Methods of disposal : Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

13.3 Special precautions : None known.

14. TRANSPORT INFORMATION

	US DOT	ADR/RID	IMDG	IATA	CAN TDG
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	None.	None.	None.	None.	None.
14.3 Transport hazard class(s)	Not restricted.	Not restricted.	Not restricted.	Not restricted.	Not restricted.
14.4 Packing group	None.	None.	None.	None.	None.
14.5 Environmental hazards	No.	No.	No.	No.	No.
14.6 Special precautions for user	Not available. Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.				
Additional information	Not available.				
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.	Not available.	Not available.	Not available.	Not available.

15. REGULATORY INFORMATION

15.1 Federal Regulations

U.S. Federal regulations: TSCA 8(a) PAIR: CAS No. 64742-55-8 on list.
United States inventory (TSCA 8b): CAS No. 64742-55-8 on list.
Clean Water Act (CWA) 307: Not on list.
United States of America: SDS prepared pursuant to the Hazard Communication Standard (29CFR1910.1200).
EPA Hazardous Waste Number and Classification (40CFR261.22): none required
Toxic Substances Control Act (TSCA): All components are either listed on the US TSCA Inventory, or are not regulated under TSCA.
DSL: All components are either on the DSL, or are exempt from DSL listing requirements.
U.S. Export Control Classification Number: None.
EPA SARA Title III/CERCLA SARA 302/304 and 40 CFR 372: No components are listed.
CERCLA SARA 311/312: No components are listed.
Composition/information on ingredients
CERCLA/SARA - Section 313 and 40 CFR 372: No chemicals in this product are subject to reporting requirements.
EPA (SARA) 304 Reportable Quantity (in pounds): Not applicable.
Global Inventories: All ingredients are on DSL/NDSL and TSCA inventories.

15.2 International Regulations:

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization
 Chemical Safety Assessment: Not available.



Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Restricted to professional users.

Canada WHMIS: Not controlled. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

WHMIS Classification: Class D, Division 2 - Poisonous and Infectious Material: Other toxic effects

NSNR/NPRI: no reportable substances



International Inventory Lists:

- Australian inventory (AICS) : This product is listed
- Canadian inventory (DSL) : This product is listed.
- China inventory : This product is listed
- European inventory (EINECS) : This product is listed
- Japanese inventory : This product is listed
- Korean inventory : This product is listed
- Philippines inventory (PICCS) : This product is listed

Black List Chemicals : Not listed

Priority List Chemicals : Not listed

Integrated pollution prevention and control list (IPPC) – Air : Not listed

Integrated pollution prevention and control list(IPPC) – Water : Not listed

Chemical Weapons Convention List Schedule I Chemicals : Not listed

Chemical Weapons Convention List Schedule II Chemicals : Not listed

Chemical Weapons Convention List Schedule III Chemicals : Not listed

15.3 State Regulations

Massachusetts : No components are listed.

New York : No components are listed.

New Jersey : No components are listed.

Pennsylvania : No components are listed.

California Prop. 65 : This product does not contain any components or chemicals known to the state of California to cause cancer, birth defects or reproduction harm.

15.4 HMIS RATING: Health 1, Flammability 1, Reactivity 0

15.5 NFPA RATING: Health 1, Flammability 1, Reactivity 0

16. OTHER INFORMATION

16.1 Full text of abbreviated H statements : H304 May be fatal if swallowed and enters airways.

16.2 Full text of classifications : Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: Asp. Tox. 1, H304
: Classification according to Directive 67/548/EEC [DSD]: Asp. Tox. 1, H304.

16.3 Full text of abbreviated R phrases : None.

16.4 Full text of classifications [DSD/DPD] : None.

16.5 SDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Carlisle Fluid Technologies, Inc., dba Finishing Brands makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Carlisle Fluid Technologies, Inc., dba Finishing Brands be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF SDS ***