

SAFETY DATA SHEET



Date issued : 03/27/2018
 SDS number : Starlube BBC-15
 Date revised : 03/06/2024
 Revision number : 2

Starlube BBC-15

1. Identification

Product code: 52-0319-15
Product identifier: Starlube BBC-15
Product formulation name: Starlube BBC-15
Chemical family: Fatty ester/ether
Relevant identified uses: Fiber Lubricant

Manufacturer / Supplier

ArrowStar, LLC
 1815 S. Hamilton St.
 P.O. Box 2686
 Dalton, GA 30720

Emergency contact: CHEMTREC

Emergency Phone: 800-424-9300

Customer Service: (706) 277-2981

E-Mail: lab@star-na.com

Emergency telephone number (24 hour)

CHEMTREC Day or Night 800-424-9300

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Eye Irritation, Category 2A

Label elements

Health



Exclamation
mark

Signal word: WARNING

Hazard statement(s)

H320: Causes eye irritation.

Precautionary statement(s)**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P405: Store locked up.

SAFETY DATA SHEET



Date issued : 03/27/2018
SDS number : Starlube BBC-15
Date revised : 03/06/2024
Revision number : 2

Starlube BBC-15

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314: Get medical advice/attention if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Potential health effects

Eye: Contact causes eye irritation.

Skin: Prolonged or repeated contact can cause skin irritation.

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

Inhalation: Breathing vapors or mist may cause irritation of the respiratory tract and mucous membranes.

Routes of entry: Eyes, Skin, Ingestion, Inhalation.

Cancer statement: No Carcinogenic substances as defined by IARC, NTP and/or OSHA.

3. Composition/information on ingredients

No hazardous ingredients as defined by 29 CFR 1910.1200

4. First-aid measures

Eye: Immediately flush with plenty of water for at least 20 minutes holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention immediately.

Skin: Wash exposed area with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If irritation should develop, get medical attention.

Ingestion: Do not induce vomiting, dilute by drinking water or milk, if vomiting occurs, administer more liquids. Never give fluids or induce vomiting if patient is unconscious.

Inhalation: Remove to fresh air, if breathing is difficult have qualified personnel administer oxygen.

Most important symptoms and effects, both acute and delayed

Eye: Eye irritation.

Skin: May cause irritation on prolonged or repeated contact.

Ingestion: May cause abdominal pain, nausea, vomiting, and diarrhea.

Inhalation: No known significant effects or critical hazards.

5. Fire-fighting measures

Suitable extinguishing media: Use water spray, dry chemical, foam or carbon dioxide.

Hazardous combustion products: Carbon dioxide, carbon monoxide, oxides of sulfur, phosphorous, and hydrocarbons.

Fire fighting procedures: Use water spray to cool exposed containers.

Fire fighting equipment: Firefighters should be equipped with self-contained breathing apparatus when fighting chemical fires.

6. Accidental release measures

Small spill: Soak up with absorbent medium and transfer into suitable container.

Large spill: Wear appropriate personal protective equipment. Contain spill and pump into suitable disposal container.

General procedures: For disposal considerations see Section 13.

SAFETY DATA SHEET



Date issued : 03/27/2018
SDS number : Starlube BBC-15
Date revised : 03/06/2024
Revision number : 2

Starlube BBC-15

Special protective equipment: Wear appropriate personal protective equipment for spills and leaks. See Section 8.

7. Handling and storage

General procedures: Handle with due care to avoid personal contact.

Precautions for safe handling: Follow all SDS precautionary statements given in Section 2.

Conditions for safe storage: Keep container closed when not in use.

Storage temperature: Normal temperature and conditions of warehousing.

8. Exposure controls/personal protection

Appropriate engineering controls: Local ventilation recommended, mechanical ventilation may be used.

Individual protection measures, such as personal protective equipment

Eye / face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection - hand protection: Wear rubber or neoprene gloves.

Respiratory protection: None normally required.

Skin protection - other: Use clothing necessary to prevent contact.

Occupational hygiene practices: Good housekeeping practices should include making sure all containers are kept closed and properly stored.

9. Physical and chemical properties

Physical state: Liquid

Appearance: Amber Liquid.

Color: Amber.

Odor: Mild.

pH: 6.5 to 8.5 Neat

Melting point: Not Determined.

Freezing point: Not Determined.

Initial boiling point and boiling range: > (212°F)

Flash point: > (200°F)

Evaporation rate (n-butyl acetate = 1): Not Determined.

Vapor pressure: Not Determined.

Relative vapor density: Not Determined.

Relative density: 1.01 to 1.1

Solubility: Emulsion

10. Stability and reactivity

Reactivity: Stable under recommended storage conditions.

Dangerous polymerization: Will not occur.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Do not store below freezing temperature or exposed to extreme heat.

SAFETY DATA SHEET



Date issued : 03/27/2018
SDS number : Starlube BBC-15
Date revised : 03/06/2024
Revision number : 2

Starlube BBC-15

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Hazardous decomposition products: None under normal use conditions.

Incompatible materials: Strong Oxidizing Agents, Strong Acids.

11. Toxicological information

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Notes: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity: not determined

12. Ecological information

Ecotoxicological information: not determined

Bioaccumulative potential: Not expected to be bioaccumulative.

Environmental data: not determined

13. Disposal considerations

Disposal methods: All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with applicable law and regulations.

For large spills: Do not allow product to reach waterways or storm sewers.

Product disposal: All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with applicable law and regulations

Empty container: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not Dangerous Goods.

ADR / RID - road / rail

UN proper shipping name: Not Dangerous Goods.

ICAO - air

UN proper shipping name: Not Dangerous Goods.

IMDG - sea

UN proper shipping name: Not Dangerous Goods.

15. Regulatory information

UNITED STATES

SAFETY DATA SHEET



Date issued : 03/27/2018
 SDS number : Starlube BBC-15
 Date revised : 03/06/2024
 Revision number : 2

Starlube BBC-15

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Acute.

313 reportable ingredients: None

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: None

CERCLA rq: None

EPA

EPA rq ingredient: None

TSCA (The Toxic Substances Control Act)

TSCA Status: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

CAA 112(b) Hazardous Air Pollutants

CAA 112(r) List of Substances for Accidental Release Prevention: None


Occupational safety and health administration (osha)

29 cfr1910.119---process safety management of highly hazardous chemicals: None

Regulations

State regulations: None known

Local regulations: None known

California Proposition 65:  **WARNING:** This product may contain a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label. For more information, go to www.P65Warnings.ca.gov.

Clean water act: None

Carcinogen: None above de minimus levels (0.1%)

16. Other information

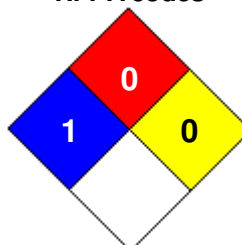
Prepared by: Jay Bartley Date revised: 03/06/2024

Revision summary: This SDS replaces the 09/21/2022 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	<input type="checkbox"/>	1
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	B

NFPA codes



Manufacturer disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of this use. Individuals should make a determination as to the suitability of the information for their particular purpose(s).

SAFETY DATA SHEET



Date issued : 03/27/2018
SDS number : Starlube BBC-15
Date revised : 03/06/2024
Revision number : 2

Starlube BBC-15
