



SAFETY DATA SHEET

Issue Date 4/15/2015

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Version 1

1. IDENTIFICATION

Product identifier

Product Name: ALLSYN FG GEAR ISO 680

Other means of identification

Product code: FS-670 ISO 680

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Lubricant.

Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address

FRONTIER PERFORMANCE LUBRICANTS INC

PO BOX 1777

LODI, CA 95241

Phone: (800)-807-4496

Fax: (209)-334-6408

Emergency telephone number

Emergency Telephone: PERS (800)-633-8253

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Oil

Physical state Liquid

Odor Mild Hydrocarbon-like

Hazards not otherwise classified (HNOC)

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

| | |
|---------------|---|
| Eye contact: | Flush eye with water for 15 minutes. If symptoms persist, call a physician. |
| Skin contact: | Wash off immediately with soap and plenty of water. |
| Inhalation: | In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air. |
| Ingestion: | Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------|---------------------------|
| Symptoms: | No information available. |
|-----------|---------------------------|

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Water spray mist or foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. Water may be used to cool closed containers.

Explosion data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special protective equipment for firefighters

Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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|-----------------------|--|
| Personal precautions: | Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition. |
|-----------------------|--|

Environmental precautions

| | |
|----------------------------|---|
| Environmental precautions: | Do not flush into surface water or sanitary sewer system. |
|----------------------------|---|

Methods and material for containment and cleaning up

| | |
|--------------------------|--|
| Methods for containment: | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up: | Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|-----------|---|
| Handling: | Spilling onto the container's outside will make container slippery. Avoid contact with eyes and skin. Always replace cap after use. |
|-----------|---|

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers dry and tightly closed to avoid moisture absorption and contamination

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Guidelines: Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m³, ACGIH STEL of 10 mg/m³.

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection: Breathing apparatus needed only when aerosol or mist is formed.

Hand protection: Nitrile rubber

Eye protection: Safety glasses

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect

General Hygiene Considerations: Avoid contact with skin, eyes and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state: Liquid

Appearance: Oil

Odor: Mild Hydrocarbon-like

Color: Light yellow

Odor threshold: No information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> | | |
|-------------------------------------|--------------------------|--------------------------------|--------------------------------------|--------------------------|
| Melting point/freezing point | No information available | | pH | Not applicable |
| Flash point | > 204 °C / 400 °F | Cleveland Open Cup | Boiling point / boiling range | No information available |
| Flammability (solid, gas) | No information available | | Evaporation rate | No information available |
| Upper flammability limit: | No information available | | Flammability Limit in Air | |
| Vapor pressure | No information available | | Lower flammability limit: | No information available |
| Specific Gravity | < 0.9 | | Vapor density | No information available |
| Solubility in other solvents | No information available | | Water solubility | Insoluble in water |
| Autoignition temperature | No information available | | Partition coefficient | No information available |
| Kinematic viscosity | approx. 700 cSt @ 40 °C | | Decomposition temperature | No information available |
| Explosive properties | | No information available | Dynamic viscosity | No information available |
| Oxidizing properties | | No information available | | |

Other information

Softening point No information available
Molecular weight No information available
VOC Content (%) No information available
Density No information available
Bulk density No information available

10. STABILITY AND REACTIVITY**Reactivity**

Not applicable

Chemical stability**Stability:** Stable under recommended storage conditions.**Possibility of Hazardous Reactions****Possibility of Hazardous Reactions:** None under normal processing.**Hazardous polymerization:** Hazardous polymerization does not occur.**Conditions to avoid****Conditions to avoid:** No special storage conditions required**Hazardous Decomposition Products****Hazardous Decomposition Products:** Thermal decomposition can lead to release of irritating gases and vapors**Incompatible materials****Incompatible materials:** Oxidizing agents**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information:** Product does not present an acute toxicity hazard based on known or supplied information**Eye contact:** May cause slight irritation.**Skin contact:** Substance may cause slight skin irritation.**Inhalation:** Avoid breathing vapors or mists.**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.**Information on toxicological effects****Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization:** No sensitization responses were observed.**Mutagenic effects:** Did not show mutagenic or teratogenic effects in animal experiments.**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**Reproductive toxicity:** This product does not contain any known or suspected reproductive hazards.**STOT - Single Exposure:** None under normal use conditions.**STOT - Repeated Exposure:** None under normal use conditions.**Aspiration hazard:** Not applicable.**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral): 6825 mg/kg**ATEmix (dermal):** 2676 mg/kg**ATEmix (inhalation-vapor):** 16451 mg/l**12. ECOLOGICAL INFORMATION**

Ecotoxicity

No known hazards to the aquatic environment.

0.001% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

The product is insoluble and floats on water.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

14. TRANSPORT INFORMATION

DOT: Not Regulated by any means of transportation

15. REGULATORY INFORMATION**International Inventories**

| | |
|-----------------------|---|
| TSCA: | Listed in TSCA |
| DSL: | All of the components in this product are listed in DSL |
| EINECS/ELINCS: | This product complies with EINECS/ELINCS |
| CHINA: | This product complies with China IECSC. |
| KECL: | This product complies with Korea KECL. |
| PICCS: | This product complies with Philippines PICCS. |
| AICS: | All the constituents of this material are listed on the Australian AICS |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK)**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION**Nfpa**

Health: 1

Flammability: 1

Instability: 0

NFPA/HMIS * for Carc, Muta, Tera, Specific Organ *

HMIS health rating

Health: 1

Flammability: 1

Physical hazards: 0

Personal protection: B

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Revision Note

Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet