



# SAFETY DATA SHEET

Issue Date 4/15/2015

Revision Date 2/1/2024

Version 1

## 1. IDENTIFICATION

### Product identifier

Product Name: ALLSYN GEAR ISO 460

### Other means of identification

Product code: F- 228 ISO 460

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 Slight Sulphurous

### Hazards not otherwise classified (HNOC)

#### Other information

#### Unknown Acute Toxicity

2.04% of the mixture consists of ingredient(s) of unknown toxicity

## 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

<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary.
<b>Ingestion:</b>	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 (CO<sub>2</sub>). 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

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire, cool tanks with water spray.

##### Explosion data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

##### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions:** Contaminated surfaces will be extremely slippery. Wear personal protective equipment.

##### 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:** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep container tightly closed

## 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/m<sup>3</sup>, ACGIH STEL of 10 mg/m<sup>3</sup>.

**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:** Gloves made of plastic or 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:** Slight Sulphurous

**Color:** Amber

**Odor threshold:** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>		
<b>Melting point/freezing point</b>	No information available		<b>pH</b>	Not applicable
<b>Flash point</b>	> 232 °C / 450 °F	Cleveland Open Cup	<b>Boiling point / boiling range</b>	No information available
<b>Flammability (solid, gas)</b>	No information available		<b>Evaporation rate</b>	No information available
<b>Upper flammability limit:</b>	No information available		<b>Flammability Limit in Air</b>	
<b>Vapor pressure</b>	No information available		<b>Lower flammability limit:</b>	No information available
<b>Specific Gravity</b>	< 0.9		<b>Vapor density</b>	No information available
<b>Solubility in other solvents</b>	No information available		<b>Water solubility</b>	Insoluble in water
<b>Autoignition temperature</b>	No information available		<b>Partition coefficient</b>	No information available
<b>Kinematic viscosity</b>	approx. 488 cSt @ 40 °C		<b>Decomposition temperature</b>	No information available
<b>Explosive properties</b>		No information available	<b>Dynamic viscosity</b>	No information available
<b>Oxidizing properties</b>		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 normal conditions
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**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
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**Hazardous Decomposition Products**

Hazardous Decomposition Products:	Thermal decomposition can lead to release of irritating gases and vapors
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### Incompatible materials

Incompatible materials:	Oxidizing agents
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## 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 does not generally irritate and is only mildly irritating to the skin.
Inhalation:	Avoid breathing vapors or mists.
Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

### 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

Unknown Acute Toxicity:	2.04% of the mixture consists of ingredient(s) of unknown toxicity
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The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral):	8379 mg/kg
ATEmix (dermal):	4432 mg/kg
ATEmix (inhalation-dust/mist):	17.4 mg/l
ATEmix (inhalation-vapor):	20511 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No known hazards to the aquatic environment.

2.05% of the mixture consists of components(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

<b>TSCA:</b>	Listed in TSCA
<b>DSL:</b>	Not listed in DSL
<b>EINECS/ELINCS:</b>	This product complies with EINECS/ELINCS
<b>CHINA:</b>	This product does not comply with China IECSC.
<b>KECL:</b>	This product does not comply with Korea KECL.
<b>PICCS:</b>	This product does not comply with Philippines PICCS.
<b>AICS:</b>	This product does not comply with Australia 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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4/15/2015

Revision Date

2/1/2024

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**