

## MATERIAL SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** Alto Syn VL 46  
**Article Code:**  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
 BlueSky Lubricants  
 375 Stewart Rd  
 Hanover TWP, Pennsylvania 18706  
 Phone: (570) 822-1151  
 Fax: (570) 823-1940

**Emergency telephone number**

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	None	None

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

### 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** Substance does not generally irritate and is only mildly irritating to the skin.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** Immediate medical attention is not required.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

### 4. FIRST AID MEASURES

**General advice:** If symptoms persist, call a physician.  
**Skin contact:** Immediate medical attention is not required. Wash off immediately with soap and plenty of water.

<b>Eye contact:</b>	Flush eye(s) immediately with plenty of water. If symptoms persist, call a physician.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. In the case of inhalation of aerosol/mist consult a physician if necessary.
<b>Ingestion:</b>	Drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

## 5. FIRE-FIGHTING MEASURES

### **Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

### **Extinguishing media which must not be used for safety reasons:**

Not applicable.

### **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.

### **Specific hazards:**

Not applicable.

### **Unusual hazards:**

No hazards resulting from the material as supplied

### **Specific methods:**

In the event of fire, cool tanks with water spray

### **Flash point:**

> 450 (°F)

### **Autoignition temperature:**

No information available

### **Flammability Limits in Air:**

#### **Lower**

No information available

#### **Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions:**

Use personal protective equipment. Contaminated surfaces will be extremely slippery.

### **Environmental precautions:**

Should not be released into the environment. Do not flush into surface water or sanitary sewer system.

### **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

### **Handling**

#### **Technical measures/precautions:**

No special technical protective measures required.

#### **Safe handling advice:**

Spilling onto the container's outside will make container slippery. Always replace cap after use.

### **Storage**

#### **Technical measures/storage conditions:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

#### **Incompatible products:**

No special restrictions on storage with other products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

**Respiratory protection:** No personal respiratory protective equipment normally required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.

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

**Eye protection:** Safety glasses

**Hygiene measures:** Wash hands before breaks and at the end of workday..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild
<b>Specific gravity:</b>	< 1.0	<b>Boiling point/range</b>	> 600 (°F)
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	<.10 mmHg @ 20° C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	None reasonably foreseeable
<b>Materials to avoid:</b>	Oxidising agents (strong).
<b>Conditions to avoid:</b>	Stable at normal conditions

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

## 14. TRANSPORT INFORMATION

### IMO / IMDG

Proper shipping name: Not Applicable

### ICAO

Proper shipping name: Not Applicable

### IATA

Proper shipping name: Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product complies with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product complies with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

*1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester*

**California Proposition 65** - Listed.

**NJRTK:** Substance no. 3005 Listed.

**PARTK:** Listed.

**ILRTK:** Listed.

**CTRTK:** Listed.

Sara (311, 312) hazard class:

### Canada

**WHMIS hazard class:**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**      Health: 1      Flammability: 1      Instability: 0

**HMIG**      Health: 1      Flammability: 1      Reactivity: 0

NFPA symbol:



Reason for revision:

Not applicable

Prepared by:

Health & Safety

The information provided in this 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.