

MATERIAL SAFETY DATA SHEET

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

Product Name: Alto Syn PAO 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 ³):	OSHA (TWA mg/m ³):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester		None	None
N-Phenylbenzenamine	68411-46-1	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: None.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact: Avoid contact with eyes. May cause slight irritation.
Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: Consult a physician

Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact:	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion:	Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

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

Extinguishing media which must not be used for safety reasons:

No information available.

Special protective equipment for firefighters:

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

Specific hazards:

Burning produces irritant fumes

Unusual hazards:

No hazards to be especially mentioned

Specific methods:

In the event of fire, cool tanks with water spray

Flash point:

>450 (°F)

Autoignition temperature:

745 (°F).

Flammability Limits in Air:

Lower

No information available

Upper

No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

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

Environmental precautions:

Should not be released into the environment.

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:

Always replace cap after use. Handle in accordance with good industrial hygiene and safety practice.

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:

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection:

Impervious gloves.

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: Avoid contact with skin, eyes and clothing.. Wash off with soap and water..



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	<1.0	Boiling point/range	>600 (°F)
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	<0.10 mm Hg @ 20°C	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	Smoke, Carbon oxides
Materials to avoid:	Strong oxidising agents.
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: The product is insoluble and floats on water..

Bioaccumulative potential: No information available.

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 Regulated

TDG (Canada)

Proper shipping name: Not Regulated

IMO / IMDG

Proper shipping name: Not Regulated

14. TRANSPORT INFORMATION

ICAO

Proper shipping name: Not Regulated

IATA

Proper shipping name: Not Regulated

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:

Chronic Hazard

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.