

## MATERIAL SAFETY DATA SHEET

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

**Product Name:** Cirrus Syn 100  
**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-Decene, Homopolymer, hydrogenated		5 mg/m <sup>3</sup> (oil mist)	5 mg/m <sup>3</sup> (oil mist)
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:** Skin.  
**Skin contact:** Substance does not generally irritate and is only mildly irritating to the skin.  
**Eye contact:** Contact with eyes may cause irritation.  
**Inhalation:** Avoid breathing vapors or mists.  
**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. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<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.

## 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:**

No information available.

**Special protective equipment for firefighters:**

Standard procedure for chemical fires

**Specific hazards:**

Thermal decomposition can lead to release of irritating gases and vapors

**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:**

No information available

**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:**

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:**

Handle in accordance with good industrial hygiene and safety practice.

**Storage**

**Technical measures/storage conditions:**

Keep container tightly closed.

**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:**

Breathing apparatus needed only when aerosol or mist is formed.

**Hand protection:**

Preventive skin protection

**Skin and body protection:**

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection:  
Hygiene measures:

Safety glasses  
Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Amber	<b>Odor:</b>	Slight Sulphurous
<b>Specific gravity:</b>	0.859	<b>Boiling point/range</b>	>600 (°F)
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	<0.10 mmHg @ 20°C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Materials to avoid:</b>	Oxidising agents.
<b>Conditions to avoid:</b>	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:** Not determined.

**Ecotoxicity effects:** The aqueous medium should be given appropriate treatment as waste water in line with local regulations..

**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**

## 14. TRANSPORT INFORMATION

**Proper shipping name:** Not Regulated

### ICAO

**Proper shipping name:** Not Regulated

### IATA

**Proper shipping name:** Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:  
**TSCA:** Listed in TSCA  
**DSL:** Not listed in DSL  
**ENCS:** This product does not comply with JPENCS  
**CHINA:** This product does not comply with china:  
**AICS:** This product does not comply with AICS  
**KECL:** This product does not comply with korea:  
**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

#### **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

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