

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** Stratus ZF-AW 100  
**Article Code:**  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
 BlueSky Lubricants  
 454 South Main Street  
 Wilkes-Barre, Pennsylvania 18703  
 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> ):
Oil Mist		5 mg/m <sup>3</sup> (oil mist)	5 mg/m <sup>3</sup> (oil mist)

**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:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** Avoid breathing vapors or mists.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell: Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.  
**Eye contact:** Flush eye with water for 15 minutes. If symptoms persist, call a physician.

**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.

## 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:**

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

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

>400 (°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. Use personal protective equipment. Remove all sources of ignition.

**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:**

**Safe handling advice:**

No special technical protective measures required.

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

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

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

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:**

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:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	Not determined	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<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 does not comply 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:

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

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