

MATERIAL SAFETY DATA SHEET

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

Product Name: Stratus ZF-AW 32
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): |
|------------|--------|---------------------------------|--------------------------------|
| Oil Mist | | 5 mg/m ³ (oil mist) | 5 mg/m ³ (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 (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:

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

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

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable under recommended storage conditions. |
| Polymerization: | None under normal processing. |
| Hazardous decomposition products: | Thermal decomposition can lead to release of irritating gases and vapours. |
| Materials to avoid: | Oxidising agents (strong). |
| Conditions to avoid: | 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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