



Material Safety Data Sheet

1. Identification of the substance / Preparation and of the company

Production Name: Synthetic Lube SuperChem S-1AS

Date of Preparation: 20, May, 2010

Date of Audit: 08, August, 2022

Company: AIGI Environmental Incorporation

81 Suyuan Ave., Nanjing, China 211100

Tel: 0086 25 52788148 Fax: 0086 25 52788149

For Chemical Emergency:

Call: 800 828 9829

2. Composition / Information on ingredients

Hazardous Ingredients	%Wt.	CAS NO.	EC No.	Symbol	R-phrases
None					

Do not present a hazard in normal use.

3. Hazards Identification

Direct eye contact may cause eye irritation. High vapour concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

Skin Contact: Wash skin with soap and water. Consult physician if irritation develops.

Eye Contact: Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.

Ingestion: Do not induce vomiting. Contact physician immediately.

5. Fire-Fighting Measures

Extinguishing Methods: Carbon Dioxide, dry chemical or foam.

Unusual Fire and Explosion: Pressurized containers, when heated, are a potential explosive hazard.

Special Fire Fighting Measures: Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Evacuate area. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.

Environmental Precautions: Keep out of sewers, streams and waterways.

Methods of Clean Up: Contain spill to a small area. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.



7. Handling and Storage

Handling: Wash before eating, drinking or smoking. Injection into the body without immediate medical treatment may cause loss of affected part of the body.

Storage: Store in a cool, dry area.

8. Exposure Controls / Personal Protection

Respiratory Protection: Not normally needed.

Ventilation: Not special requirements.

Protective Gloves: Chemical resistant gloves.

Eye Protection: Safety glasses.

Other: Impervious gloves and clothing as necessary for repetitive, prolonged contact with liquid.

9. Physical and Chemical Properties

Physical state:	Liquid	Odour	Not determined
Color	Brown	Vapour pressure @20°C	Not determined
Flash point	>230°C	% Aromatics by weight	Not determined
Melting point	Not determined	Initial boiling point	Not determined
% Volatile(by volume)	Not determined	Density	0.82~0.882kg/l
Autoignition temp.	Not determined	Solubility in water	Insoluble
Explosion limits	Not determined	Explosion limits	Not determined

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Open flames and red hot surfaces.

Materials to Avoid: Strong oxidizers like liquid Chlorine and concentrated Oxygen, reactive metals.

11. Toxicological Information

Primary Route of Exposure Under Normal Use: Inhalation, skin and eye contact.

Acute Effects: Direct eye contact may cause eye irritation. High vapor concentrations may irritate eyes, respiratory tract and possibly cause dizziness and nausea.

Acute Oral Toxicity : Expected to be of low toxicity: LD50 > 16000 mg/kg , Rat

Acute Dermal Toxicity : Expected to be of low toxicity: LD50 > 16000 mg/kg , Rabbit

Other Information: As per 29 CFR 1910.1200(Hazard Communication), this product contains no carcinogens as listed in the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

12. Ecological Information

Ecotoxicological data have not been determined specifically for this product. The

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information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

Mobility: Insoluble in water. Large volumes may penetrate soil and contaminate groundwater. In determining environmental mobility, consider the product's physical and chemical properties.

Degradability: Expected to be inherently biodegradable, BOD: 22~25%.

Bioaccumulative: None Bioaccumulative.

Ecotoxicity: Do not present a hazard in normal use.

13. Disposal considerations

Oil collection services are available for used oil recycling or disposal . Check local , state and national / federal regulations and comply with the most stringent requirement.

14. Transport Information

TDG: NONHAZARDOUS, NOT REGULATED.

IMDG: NONHAZARDOUS, NOT REGULATED.

IATA/ICAO: NONHAZARDOUS, NOT REGULATED.

ADR/RID: NONHAZARDOUS, NOT REGULATED.

Shipping Name: NONHAZARDOUS, NOT REGULATED.

Hazard Class: NOT REGULATED

UN/NA #: NOT APPLICABLE

Packaging Group \$ NOT APPLICABLE

Emergency Response Guide Book No. - NOT APPLICABLE

15. Regulatory Information

European Classification: None

Name of the substances on the label: None

Other information: None

Canadian Classification: None -

Precautionary and First Aid Measure(s): -

Other Information: None

16. Other Information

JAPAN PRTR	Class 1 Chemicals:	Class 2 Chemicals
	None	None

Risk phrases in section 3: R11: Highly flammable.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the accuracy of the data or the suitability of the product for the user's particular purpose. The user must make their



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own determination as to suitability.

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