



Material Safety Data Sheet

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

Production Name: Penetrating and Loosen Fluid **SuperChem863**

Date of Preparation: 06 Aug.2015

Company: AIGI Environmental Incorporation

81Suyuan 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.
Light naphthenic distillate oil	40~60%	64742-53-6
Saturated polyol ester	30~50%	64742-47-8

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.

Advice to Physician: Treat symptoms.

5. Fire-Fighting Measures

Extinguishing Methods: Carbon Dioxide, dry chemical or foam.

Unusual Fire and Explosion: None.

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: No special Requirements.

Protective Gloves: Not normally needed.

Eye Protection: Safety glasses.

Other: None.

9. Physical and Chemical Properties

Physical state:	Liquid	Odour	Peroleum odor
Color	Blue	Vapour pressure @20°C	Not determinded
Initial boiling point	Not determined	Solubility in water	Insoluble
Melting point	Not determined	pH	Not applicable
Coefficient (water/oil)	<1	Flash point	86°C
Autoignition temp.	Not determined	Relative desity	0.83

10. Stability and Reactivity

Stability: Stable

Hazarous Polymerization: Will not occur.

Conditions to Avoid: Open flames and red hot surfaces.

Materials to Avoid: Strong oxidizers like liquid Chlorime and concentrated Oxygen.

11. Toxicological Information

Primay 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.

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

12. Ecological Information

Ecotoxicological data have not been deternied specifically for this product. The information given belw is based on a knowledge of the components and the ecotoxicolgy of similar substances.

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

Ecotoxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the



aquatic environment.

13. Disposal considerations

Incinerate absorbed material with a properly licensed facility. Check local , state and nationl / 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

US EPA SARA TITLE III
 312 Hazards: 313 Chemicals:
 Immediate None
 Hazardous Materials Identification System (HMIS)
 4= Severe Hazard
 3= Serious Hazaard
 2- Moderate Hazard
 1= Slight Hazard
 0= Minimal Hazard
 *= See Secition 8

HEALTH	1
FLAMMABILITY	2
REACTIVITY	1
Personal Protection	*

JAPAN PRTR Class 1 Chemcials: Class 2 Chemcials



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 own determination as to suitability.