



## Material Safety Data Sheet

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

Production Name: Extreme Pressure Grease **SuperChem1611**

Date of Preparation: 10 June 2009

Date of Audit: 24, Oct. 2022

Company: AIGI Environmental Incorporation

81Suyuan Ave., Nanjing, China 211100

Tel: 0086 25 52788148 Fax: 0086 25 52788149

For Chemical Emergency:

Call: 800 828 9829

Use: Petroleum base lubricant, Superior multi-purpose grease for heavy loads and high heat.

### **SECTION 2: Hazards identification**

Classification of the substance or mixture

Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, this product does not meet the classification criteria for any hazard category.

Label Elements:

Other hazards: None known

### **SECTION 3: Composition/information on ingredients**

Substance: Mixture

### **SECTION 4: First aid measures**

Skin contact: Wash skin with soap and water. Consult a physician if irritation persists.

Eye contact: Flush immediately with plenty of flowing water. Consult an ophthalmologist if irritation persists.

Inhalation: Under normal use, it will not be inhaled; If inhaled accidentally, remove person to fresh air and keep comfortable for breathing. Consult a physician if not well.

Ingestion: First aid is not needed normally, Consult a physician if not well.

Most important symptoms and effects, both acute and delayed: No information available.

Indication of any immediate medical attention and special treatment needed : Treatment of symptoms.

### **SECTION 5: Firefighting measures**

Hazard characteristics: Combustion in case of open fire and hot surface.

Suitable extinguishing media: Foam, carbon dioxide, dry extinguishing powder or sand, invalid to extinguish the fire with water.

Special hazards arising from the substance or mixture:

In case of fire may be liberated:

- Gases/vapours, irritant
- Gases/vapours, corrosive
- Gases/vapours, toxic



Special extinguishing methods: Cool the container with water. It is recommended that firefighters wear self-contained breathing apparatus.

### **SECTION 6: Accidental release measures**

Personal protective measures: wear oil-resistant gloves

Environmental protection: Prevent from entering sewers, drainage ditches, rivers and lakes.

Methods and material for containment and cleaning up: Scoop and transfer to a suitable container for treatment, and wash the residual product with petroleum solvent.

Fire fighting instructions: Evacuate the area. Control the outflow of combustion into rivers, sewers or drinking water sources. Firefighters should use standard protective equipment and self-contained breathing apparatus (SCBA) in confined spaces.

### **SECTION 7: Handling and storage**

Keep away from open fire and prevent a small amount of spillage and leakage to avoid slipping hazard.

Measures to prevent fire: Usual measures for fire prevention.

Advice on general occupational hygiene: Avoid contact with skin, eyes and clothes. Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

Conditions for safe storage: Store in a cool dry place. Do not store in open or unmarked containers.

### **SECTION 8: Exposure controls/personal protection**

Maximum allowable concentration: None.

Respiratory protection: Not normally needed. If contact is possible, it is recommended to wear a protective mask.

Eye protection: Not normally needed. If contact needed, it is recommended to wear safety glasses with side shields.

Skin and body protection: In general, it is not necessary to protect the skin when using it. Keep good personal hygiene habits, and take preventive measures to avoid skin contact, such as wearing impermeable work clothes.

Hand protection: It is generally unnecessary to protect under normal use conditions. If necessary, it is recommended to wear oil resistant gloves.

Hygienic measures: keep good personal hygiene habits, wash hands thoroughly after operating or handling the product, and wash your hands before eating, drinking or smoking. Clean work clothes and protective equipment regularly to remove contaminants.

Other protection: None

### **SECTION 9: Physical and chemical properties**

Typical physical and chemical properties are as follows. For more information, consult the supplier.

**Physical state** : Paste

**Colour**: Red

**Odour**: Fatty odour

**Relative density(water=1)** :0.95~1.05

**Boiling point**: No data available

**Flash point**: >260°C (basic oil)

**Ignition temperature**: No data available

**Combustion heat (kJ/mol)** : No data available



**Lower explosive limit (LEL)** : No data available      **Upper explosive limit (UEL)** : No data available  
**Vapour density(air=1)** : No data available      **Vapour pressure**: None  
**Evaporation rate (N-butyl acetate)** : No data available      **PH-Value**: Not determined  
**Partition coefficient n-octanol/water**: Not applicable      **Water solubilit**: Negligible  
**Other information** : None

### **SECTION 10: Stability and reactivity**

**Reactivity** : The product is stable under storage at normal ambient temperatures.  
**Chemical stability** : The product is stable under storage at normal ambient temperatures.  
**Possibility of hazardous reactions** : No known hazardous reactions.  
**Hazardous decomposition products** : No decomposition at normal ambient temperatures.  
**Conditions to avoid** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
**No smoking**.  
**Incompatible materials** : Strong oxidants, such as liquid chlorine and liquid oxygen.

### **SECTION 11: Toxicological information**

Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Toxicokinetics, metabolism and distribution**: Toxicological data are not available. The statement is derived from the properties of the single components.

**Acute toxicity**: Based on available data, the classification criteria are not met.

**Irritation and corrosivity**: Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**: Based on available data, the classification criteria are not met. No information available.

**STOT – single exposure**: Based on available data, the classification criteria are not met. No information available.

**STOT – repeated exposure**: Based on available data, the classification criteria are not met. No information available.

**Aspiration hazard**: Based on available data, the classification criteria are not met. No information available.

**Specific effects in experiment on an animal**: No information available.

**Additional information on tests**: No information available.

**Practical experience**: No information available.

**Information on other hazards**

**Endocrine disrupting properties**: No information available.

**Other information**: No information available.

### **SECTION 12: Ecological information**

**Toxicity**: No information available.

**Persistence and degradability**: No information available.

**Bioaccumulative potential**: No information available.

**Mobility in soil**: No information available.

**Results of PBT and vPvB assessment**: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.



Endocrine disrupting properties: No information available.

Other adverse effects: No information available.

Further information: Do not allow uncontrolled discharge of product into the environment.

### **SECTION 13: Disposal considerations**

Waste treatment methods

Disposal recommendations: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Dispose of waste according to applicable legislation.

Contaminated packaging: Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

### **SECTION 14: Transport information**

#### **UN number or ID number**

ADG/ADR/RID/ADN/IMDG/ICAO: not applicable

TDG: not applicable

US DOT: not applicable

#### **UN proper shipping name**

ADG/ADR/RID/ADN/IMDG/ICAO: not applicable

TDG: not applicable

US DOT: not applicable

#### **Transport hazard class(es)**

ADG/ADR/RID/ADN/IMDG/ICAO: not applicable

TDG: not applicable

US DOT: not applicable

#### **Packing group**

ADG/ADR/RID/ADN/IMDG/ICAO: not applicable

TDG: not applicable

US DOT: not applicable

**Environmental hazards** : no environmental hazards

**Special precautions for user** : no special precautions for users

**Bulk shipping according to IMO documents**: not applicable

### **SECTION 15: Regulatory information**

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water hazard class (D ): 1 - slightly hazardous to water

Chemical safety assessment: For substances in this mixture were not carried out.

### **SECTION 16: Other information**

Key literature references

1. Zhou Guotai, Safety Technology of Dangerous Chemicals, Chemical Industry Press, 1997



2. Toxic Chemicals Management Office of the State Environmental Protection Administration, Beijing  
Institute of Chemical Industry, Environmental Data Manual of Chemical Toxicity Regulations, China  
Environmental Science Press, 1992
3. New Safety Manual for Dangerous Goods, Chemical Industry Press, April 2001
4. 《Catalogue of Hazardous Chemicals (2015 Edition)》

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