



Safety Data Sheet

NS-62150-GM

Product Identifier: NS-62150-GM

Date Revised: 5/10/2018

SOF 7.5.5-01-08

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Section 1 - Identification of the substance/mixture and of the company

1.1 Product Identifier: NS-62150-GM

1.2 Identified uses: Not Available

1.3 Company/Manufacturers ID: Syn-Tech Co. Ltd.

1550 E West Fullerton Avenue

Addison, IL USA 60101

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Section 2 - HAZARD(S) IDENTIFICATION

2.1 Classification of the substance This mixture has been assessed and/or tested for its physical, health and environmental hazards and the or mixture: following classification applies.

Classification according to 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) This substance is not considered hazardous.

Classification according to Reg. (EC) No 1272/2008 (CLP): This substance does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Directive This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as 1999/45/EC: amended.

2.1.1 Additional Information

Hazard Summary: Not a hazardous substance or mixture

Physical hazards: Not classified for physical hazards.

Health hazards: Not classified for Health hazards.

Environmental hazard Not classified for environmental hazards.

Specific hazards: Not a hazardous substance or mixture Main symptoms: Not Available

2.2 GHS Label Elements: Not a hazardous substance or mixture

Signal Word: None

Symbols/Pictograms: None

HMIS: **Health 0** **Fire 0** **Reactivity 0** **Protection C**

Precautionary statements: None

Prevention: Not Available

Storage: Not Available

Response: Not Available

Disposal: Not Available

Supplemental label information: Not Applicable

2.3 Other hazards: Not Assigned

Section 3 - Composition / Information on Ingredients - (if blank, then there are NONE)

3.1 Reportable Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EC Number</u>	<u>Carcinogen</u> <u>≥.1%</u>
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Section 4 - First Aid Measures

4.1 Description of aid measures

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention. If breathing is difficult, administer oxygen.

Skin Contact: Remove contaminated clothing. Wash Thoroughly with soap and water. Seek medical if irritation persists.

Eye Contact: Flush with water for at least 15 minutes. Obtain immediate medical attention.

Ingestion: Obtain immediate medical attention. Do not induce vomiting, unless directed by a physician.

4.2 Most important symptoms and effects both acute and delayed: Not Available

4.3 Indication of any immediate medical attention and special treatment needed: None Known



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Section 5 – Firefighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: Carbon dioxide, dry chemical, foam, water spray

Unsuitable extinguishing media: Water. Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire Hazards: None

5.2 Special hazards arising from the substance:

Hazardous combustion products: Hydrogen Fluoride (HF) may be present at high temperatures.

5.3 Advice for firefighters:

Suitable protective equipment: Self-contained breathing apparatus required. Firefighters should wear suitable protective gear. Move containers from fire area if you can do it without risk. Do not let firefighting water runoff enter sewer.

Section 6 – Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Evacuate the danger zone; follow emergency precautions. Call emergency assistance immediately. Wear personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Keep away from open flames, and sources of ignition. Ensure all equipment is electrically grounded before beginning transfer operations.

Emergency procedures: Not available

6.2 Environmental precautions: Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up:

For containment: Contain the spill. Prevent entry into drains, sewers and other waterways. Area will be slippery until cleaned.

For clean-up: Wipe or scrape up spilled material. Wash spill area after material pick up is complete. Transfer to an approved container for disposal or recovery, by sweep-up or shovel.

Other information: Wear appropriate protective equipment.

6.4 Reference to other sections: None

Section 7 - Handling and storage

7.1 Precautions for safe handling:

Protective measures: Keep in the original container or an approved alternative made from a compatible material, kept tightly closed in a dry, cool environment, properly labeled, when not in use. Handle in accordance with good industrial hygiene and safety practice. Users should be alert to the possibility that a very small percentage of the population may display unexpected allergic reactions to otherwise innocuous lubricants and raw materials.

Measures to prevent fire: Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion- dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

Measures to protect the environment: Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

Advice on occupational hygiene: Avoid skin contact. Eating drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, drinking and smoking. Don't get in eyes or on skin or clothing. Do not ingest.

7.2. Conditions for safe storage, including any incompatibilities: No additional information

7.3. Specific end use(s): None



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Section 8 - Exposure Controls / Personal Protection (If blank, then there are NONE)

8.1 Control parameters

Substance

OSHA PEL
mg/m3

ACGIH TWA
mg/m3

NIOSH TWA mg/m3

8.2 Exposure Controls

Appropriate engineering controls: Use local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Eye/face protection: Safety glasses, goggles or faceshield. Eyewash / Emergency shower should be in close proximity.

Skin protection: Oil resistant gloves, safety glasses, goggles when splashing, apron, oil resistant clothes.

Hand protection: Chemical resistant gloves, Nitrile rubber, Polyvinyl alcohol, Neoprene gloves.

Footwear: Safety shoes per local regulations.

Clothing: Wear adequate protective clothes. Long-sleeves, pants, apron. Launder contaminated clothing prior to use.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. Respirator with a half-face mask (EN 140) Respirator with a full face mask (EN136) Recommended Filter type: (A-EN141)

Thermal hazards: Avoid contamination of cigarettes or other tobacco products.

Environmental exposure controls: Do not flush into surface water or sanitary sewer system.

If user operations generate an oil mist, determine if airborne concentrations are below the OSHA Permissible Limit (PEL) of 5 mg/m3 for mineral oil mist. If not, wear a NIOSH approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical State: Grease	Vapor Pressure: >2 E-5 torr @ 6	Boiling Point (°F): >518
Color: Gray	UEL: N/A	Melting Point (°F): N/A
Odor: None	LEL: N/A	Dropping Point (°F): >500°F
Odor Threshold: Not Available	Evaporation Rate: N/A	Flash Point (°F): None
Appearance: Opaque	Vapor Density: N/A	Auto-Ignition Temp.: Not Available
Physical Form: Grease	Solubility: Negligible	Decomposition temperature: Not Available
Specific Gravity: 1.8	Coeff. Water/Oil Dist: Not Available	OSHA Flammability Class: IIIB
Viscosity (cSt @ 40°C): N/A	pH: Not Available	

9.2. Other information: None

Section 10 - Stability and Reactivity

10.1 Reactivity: None known

10.2 Chemical Stability: Material is stable under normal conditions. Stable.

10.3 Possibility of hazardous reactions: Not Available

10.4 Conditions to avoid: Heat, flames and sparks and other ignition sources.

10.5 Incompatible materials: Strong or non-aqueous Lewis acids above 100°C/212°F

10.6 Hazardous decomposition products: Hydrogen Fluoride (HF) may be present at high temperatures.

Section 11 - Toxicological information

11.1 Information on toxicological effects:

Acute Toxicity: Not Available	Reproductive Toxicity: Not Available
Skin Corrosion / irritation: Not Available	Summary evaluation of CMR properties: Not Available
Serious eye damage / irritation: Not Available	STOT - Single exposure: Not Available
Respiratory or skin sensitisation: Not Available	STOT - repeated exposure: Not Available
Germ cell mutagenicity: Not Available	Aspiration hazard: Not Available
Carcinogenicity: Not Available	



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Section 12 – Ecological information

12.1 Toxicity: No data available at this time

12.2 Persistence and degradation: No data available at this time

12.3 Bioaccumulative potential: No data available at this time

12.4 Mobility in soil: No data available at this time

12.5 Results of PBT and vPvB

assessment: No data available at this time

12.6 Other adverse effects: No data available at this time

Section 13 – Disposal Considerations

13.1 Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. All disposal must comply with Local, State and Federal regulations. Contact a licensed waste-disposal contractor for detailed recommendations. Many states classify waste lubricants as 'hazardous', which means disposal can only be a licensed firm.

Product / Packaging disposal: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste codes / waste designations according to LoW: Not Available

Waste treatment relevant information: Dispose of in accordance with local regulations.

Sewage disposal-relevant information: Do not flush into surface water or sanitary sewer system.

Other disposal recommendations: None

Section 14 - Transport information

<u>Regulatory Information</u>	<u>14.1 UN No.</u>		<u>14.2 Proper shipping name</u>		<u>14.3 EMS Class No.</u>		<u>14.4 Packing group</u>		<u>ERG No.</u>	<u>LABEL</u>	<u>TRANSPORT DOC NAME</u>
LAND (DOT):	None		Not Regulated as Dangerous Good		None		None		None	None	None
LAND (TDG):	None		Not Regulated as Dangerous Good		None		None				
SEA (IMDG):	None		Not Regulated as Dangerous Good		None	None	None		None	None	None
AIR (IATA):	None		Not Regulated as Dangerous Good		None		None		None	None	None

14.5 Environmental hazards: No information available.

14.6 Special precautions for user: No information available.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code: Not intended for bulk transportation

Section 15 - Regulatory Information

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

OSHA Hazard Communication Standard: This substance is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

Authorisations/restrictions on use: Not applicable

TSCA 8(b): All components are listed or exempted

TSCA 12(b): Export Notification (40 CFR 707, Subpt. D) Not Regulated

REACH/RoHS: This product does not contain any reportable ingredients for REACH SVHC as of December 2016, 1907/2006/EC Regulation (EC). And RoHS2 Directive 2002/95/EC with Directive 2011/65/EU and SVHC list updated January 12, 2017.

15.2 Chemical Safety assessment: This information is not available.

Section 16 – Other information

List of abbreviations Not Available

References Not Available

Information on evaluation method leading to the classification of mixture: Not Available

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