

# Safety Data Sheet

Revision Date : 1/2017

## Section 1. Chemical Product And Company Identification

**Product Name** : Melancon STG  
**Product Code:** : Valve stem, thread and gear lubricant  
**Packaging** :  
**Manufacturer** : MELANCON ENERGY PRODUCTS INC.  
P.O.BOX 1848, STAFFORD, TEXAS 77477 - 1848, USA  
**In Case of Emergency** : 1-800-343-1610 or +(281)-277-5300  
**Product Use** :

## Section 2. Hazards Identification

**Route of entry** : **Inhalation?** **Skin?** **Ingestion?**  
None

### Signs and Symptoms of Acute Exposure:

**Eye Contact** : Mechanical irritant, prolonged exposure may cause irritation.  
**Inhalation** : No effects known.  
**Skin Contact** : In contact with the skin product acts as a slight local irritant and allergen.  
**Ingestion** : Moderately irritating by digestion.  
**Exposure Limits in Air** : No exposure limits established for this product  
**Carcinogenic Effects** : This product does not contain any ingredient designated by IARC, NTP, AOGIH or OSHA as a possible human carcinogen.  
**Conditions Aggravated by Exposure** : None known  
**Chronic Health Effects Summary** : None known

## Section 3. Composition/Information on Ingredients

Component Name(s)	CAS#	% by WT	OSHA PEL	ACGIH TLV	Other Limit of Exposure
Aluminum	7429-90-5	20-Oct			TLV-TWA 10/mg/m3

The OSHA exposure limits for aluminum represent exposure for "total dust" and "respirable fraction", respectively.

## Section 4. First Aid Measures

**Eye Contact** : Flush eyes with water for 15 minutes while holding eyelids open and get medical attention.  
**Inhalation** : Remove to fresh air and give oxygen if breathing is difficult. If difficulty persists, obtain medical attention.  
**Skin Contact** : Promptly wash contacted area thoroughly with soap and water. If redness or irritation persists, seek medical attention. If spilled on clothing, remove and launder before reuse.  
**Ingestion** : Seek immediate medical attention. Dilute stomach contents with milk or water. If vomiting occurs keep head below hips to prevent aspiration into the lungs. Never give anything by mouth to an unconscious person.  
**Note to Physician** :

## Section 5. Fire Fighting Measures

**Flash Point (method)** : 235°F (ASTM D93-79)  
**Auto-Ignition Temp.** : N/A  
**Flammable Limits in Air** : **LEL** : N/A **UEL** : N/A  
**Special Fire Fighting Procedures** : Firefighters must use full bunker gear including NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.  
**Unusual Fire and Explosion Hazards** : None known  
**Extinguishing Media** : Foam, water fog, CO2, dry chemical

## Section 6. Accidental Release Measures

**Accidental Spills** : Contain spills, immediately absorb with inert absorbent material (sand, dirt, clay absorbents, etc). Spills should be picked up with shovels; buckets or other means and placed in drums or other suitable containers. Comply with all federal, state and local laws.

## Section 7. Handling and Storage

**Storage** : Keep away from heat, flames and sources of ignition and store in a cool, well ventilated area. Keep containers sealed.

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**Waste Disposal Method** : Incinerate in approved system, use approved landfill, or dispose of in accordance with federal, state and local regulations.

**Other Precautions** : Use good housekeeping practices and clean up spills promptly. Eyewash should be in close proximity.

## Section 8. Exposure Controls and Personal Protection

**Respiratory Protection** : Use NOISH approved dust/mist respirator when grinding or machining coating or coated items. This product contains encapsulated aluminum and graphite powder. No exposure to free respirable aluminum or graphite is anticipated during normal usage of this product.

**Ventilation: Normal** : Natural ventilation should be provided.

**Protective Gloves** : Synthetic or rubber gloves should be worn to avoid prolonged or repeated contact with the liquid.

**Eye Protection** : Chemical safety goggles or face shield should be worn to avoid contact with eyes.

**Other Protective clothing or Work/Hygenic Practices** : Impervious apron  
: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking or leaving work area.

## Section 9. Physical and Chemical Properties

**Appearance and Odor** : Silver color / grease odor

**pH** :

**Boiling Point** : N/A

**Melting Point** : 1220°F

**Vapor pressure (mm Hg)** : N/A

**Vapor Density (Air=1)** : N/A

**Specific Gravity (of oil) @ 77°F** : 1.11

**Solubility in Water** :

**Evaporation Rate** : N/A

**Water/Oil Distribution** : No data

**Volatile Organic Compound** : No data

**Odor Threshold** : No data

## Section 10. Stability and Reactivity

**Stability Data** : Stable

**Conditions to Avoid** : None known

**Incompatibility** : Acids, strong alkalis, strong bases, strong oxidizers, silver chloride, sodium peroxide plus carbon dioxide, sulfur dichloride, palladium, magnesium, magnesium plus potassium chlorate, sodium carbonate, sulfates, diborane, amines, chromic anhydride, peroxides, chlorates.

**Hazardous Decomposition or byproducts** : Aluminum reacts with water, acids and alkalis to form combustible hydrogen gas. Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

**Hazardous Polymerization** : Will not occur

**Section 11. Toxicological Information**

**Carcinogens under OSHA, ACGIH, NTP, IARC**

: This product contains no carcinogens in concentrations of 0.1% or greater.

**Signs and Symptoms of Overexposure**

: Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components. This material contains encapsulated graphite powder. No exposure to free respirable graphite powder is anticipated during normal usage of this product. However, repeated and prolonged inhalation of graphite or carbon dusts may cause pulmonary fibrosis, emphysema, and pneumoconiosis. This material contains encapsulated aluminum powder. Exposure to free respirable aluminum dust is not anticipated under the normal usage of this material, however, it should be noted that aluminum dusts and mists are eye and mucous membrane irritants and skin sensitizers. Use NIOSH approved dust/mist respirator when grinding or machining coating or coated items. This product contains encapsulated aluminum and graphite powder. No exposure to free respirable aluminum or graphite is anticipated during normal usage of this product.

**Medical Conditions generally aggravated by exposure**

: Skin disorders and allergies.

**Section 14. Transportation**

**DOT Proper shipping name**

: Not regulated

**Section 15. Regulatory Information**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know Act of 1986 and of 40 CFR 372:

Aluminum : CAS# 7429-90-5 10-20%

**Section 16. Other Information**

**Abbreviations**

: N/A : Not Applicable

ND : Not Determined

**Disclaimer of Liability**

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The information presented in this SDS has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge. All data is offered as typical value and not as a product specification. Some information presented and conclusion drawn herein are from sources other than direct test data on substance itself. However, the information is provided without any warranty, either expressed or implied, is hereby made. If the product is used as a component in another product, this MSDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose.

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