

# MATERIAL SAFETY DATA SHEET

## DOLPHIN WHITE LITHIUM GREASE SPRAY

Revision Date: 9<sup>th</sup> March 2021

Revision No. 02

Number of Pages: 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Details

Product Name : Dolphin White Lithium Grease Spray  
Recommended Use : Lubricating Grease

#### Company Details

Company Name : Al Muqarram Industry L.L.C.  
Address : Etihad Street, Modern Industrial Area, Umm al Thoob  
Post Box No. 24756, Umm Al Quwain, United Arab Emirates  
Phone Number : +971 (6) 5353796  
Fax No. : +971 (6) 5353964  
E-mail ID : info@muqarram.com  
Website : [www.muqarram.com](http://www.muqarram.com)

Emergency Telephone Number: 00971-549981925

### 2. HAZARDS IDENTIFICATION

#### Physical Hazards

Gases under pressure : Compressed gas  
Flammable aerosol : Category 1

#### Health Hazards

Serious eye damage : Category 2 A  
Aspiration Hazard : Category 1  
Specific target organ toxicity : Category 3 narcotic effect  
Single exposure

#### Label Elements



#### Other Hazards

**Precautionary Statements** : Keep away from heat / spark / open flames / hot surfaces.  
**Prevention** : No smoking. Do not spray on open flame or other ignition sources. Do not puncture or incinerate container. Do not breathe dust/fumes/gas/mist/vapors/spray.  
**Response** : If swallowed, immediately call a doctor. Do not induce Vomiting, remove person to fresh air. If in eyes, wash with water for several minutes.  
**Storage** : Store in a well- ventilated place. Keep container tightly closed.  
Do not expose to temperature exceeding 50°C.  
**Disposal** : Dispose of contents /containers in accordance with local, regional, and national regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Identity	CAS No	Weight %	Skin	Carcinogen
n-hexane	110-54-3	20 – 30	No	No
Liquefied Gas	68476-86-8	30 - 60	No	No

All specific chemical identity, percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first Aid Measures

<b>Eyes</b>	: Flush with large amount of cool running water for at least 15 minutes.
<b>Ingestion</b>	: If swallowed, do not induce vomiting. Never give anything by mouth to unconscious person.
<b>Skin Contact</b>	: Remove contaminated clothing. Wash affected area with soap and water.
<b>Inhalation</b>	: Remove victim to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
<b>Most Important Symptoms</b>	: May cause eye, skin, and respiratory irritation. Prolonged skin contact may cause drying of skin. Headache, dizziness, nausea, and other central nervous system depression. Aspiration into lungs may cause vomiting. Vomiting may cause lung damage.
<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	: Immediate medical attention is required.

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	: Dry chemical, CO <sub>2</sub> , sand, earth, water spray.
<b>Specific Hazards Arising From the Chemical</b>	: Extremely flammable contents under pressure and can explode when exposed to heat or flames. Vapors may cause flash fire.
<b>Advice for Firefighters</b>	: Firefighters must use standard protective equipment including fire-retardant gloves, coat, helmet with face shield, rubber boots.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	: Ensure adequate ventilation especially in confined area, avoid contact with skin and eyes.
<b>Environmental Precautions</b>	: Do not flush into surface water or sanitary sewer system.
<b>Containment and Clean Up Procedures</b>	: Eliminate all ignition sources (no smoking, sparks, or flames in Immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled materials. Stop the flow of material.

### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	: Handle with good industrial hygiene and safety practice avoid breathing vapors or mist. Avoid contact with eyes, clothing, and wash thoroughly after handling.
<b>Proper Storage Condition</b>	: Keep containers tightly closed in a cool, ventilated place. Keep away from sunlight, ignition sources. Do not expose to temperatures exceeding 50°C. Keep out of reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	: Shower, eye wash station, ventilation system.
<b>Eye/Face Protection</b>	: Wear safety glasses with shields (goggles)

<b>Respiratory Protection</b>	: In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Skin Protection</b>	: Wear protective gloves and protective clothing.
<b>Other Protective Equipment</b>	: Wear suitable protective clothing such as aprons against splashing and contamination.
<b>Work/Hygienic Practices</b>	: When using, do not eat, drink, or smoke. Wash at the end of each work shift and before eating. Wash hands thoroughly after handling. Contaminated shoes and clothing should be removed after handling and washed thoroughly before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
<b>Physical State</b>	: Yellow Viscous Liquid
<b>Form</b>	: Aerosol
<b>Color</b>	: Yellowish
<b>Properties</b>	
<b>Solubility</b>	: Non-soluble in water
<b>Specific Gravity</b>	: 0.7 – 0.9

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	: Stable under recommended storage conditions.
<b>Reactivity</b>	: Stable under normal use.
<b>Possibility of Hazardous Reaction</b>	: No dangerous reaction known under condition of normal use.
<b>Condition to Avoid</b>	: Keep away from all the heat sources, open flames, and other sources of ignition.
<b>In Complete Materials</b>	: Strong oxidizing agent
<b>Hazardous Decomposition Products</b>	: Carbon Oxides

## 11. TOXICOLOGICAL INFORMATION

<b>Possible Health Effect</b>	
<b>Skin</b>	: May cause skin irritation and dermatitis.
<b>Eye</b>	: Contact with eyes may cause irritation.
<b>Inhalation</b>	: May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, and dizziness.

## 12. ECOLOGICAL INFORMATION

<b>Eco-toxicity</b>	: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
<b>Persistence and Degradability</b>	: No data available.
<b>Bioaccumulation</b>	: No information available.
<b>Mobility</b>	: Disperses in water
<b>Other Adverse Effects</b>	: No information available.

## 13. DISPOSAL CONSIDERATIONS

<b>Water Treatment Method</b>	: Recover or recycle if possible. Disposal should be accordance applicable regional, national, and local laws and regulations.
<b>Contaminated Packaging</b>	: Do not reuse container.

## 14. TRANSPORT INFORMATION

UN Number	: UN 1950
IMDG Shipping Name	: Aerosol
Transport Hazard Class	: 2.1
IATA Shipping Name	: Aerosol Flammable
IATA Hazard Class	: 2.1
UN Number	: UN 1950
ADG Shipping Name	: Aerosol
ADG Hazard Class	: 2.1
UN Number	: UN 1950

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

TSCA	: Complies
DSL/NDSL	: Complies
ENCS	: Not determined
IECSC	: Not determined

### LEGEND

TSCA	: Complies
DSL/NDSL	: Complies
ENCS	: Not determined
IECSC	: Not determined
KECL	: Korean Existing and Evaluated Chemical Substances.
PICCS	: Philippines Inventory of Chemicals & Chemical Substances.
AICS	: Australian Inventory of Chemical Substances.
CERCLA	: Comprehensive Environmental Response, Compensation, and Liability Act.
DOT	: Department of Transportation
FIFRA	: Federal Insecticide, Fungicide, and Rodenticide Act
HMIRC	: Hazardous Materials Information Review Commission
HMIS	: Hazardous Materials Identification System
NFPA	: National Fire Protection Association
DOT	: Department of Transportation

<b>NFPA Information</b>	Health 2 Flammability 2 Instability 0
<b>HMIS Information</b>	Health 4* Flammability 4 Physical Hazard 0

### FULL TEXT OF H-STATEMENTS

H 225	: Highly Flammable liquid.
H 226	: Flammable liquid and Vapor.
H 280	: Contains gas under pressure may explode if heated.
H 301	: Toxic if swallowed.
H 304	: May be fatal if swallowed and enter airways.
H 311	: Toxic in contact with skin.
H 312	: Harmful in contact with skin.
H 315	: Causes skin irritation.
H 319	: Causes serious eye irritation.
H 331	: Toxic if inhaled.
H 332	: Harmful if inhaled.
H 370	: Causes damage to organ.
H 373	: May cause damage to organ through prolonged exposure.



WORLD-CLASS  
CHEMICALS

## 16. OTHER INFORMATION

### General Information

This product should be used as directed. For further information, please consult product data sheets and application information bulletin for this product.

### Further Information

The information contained herein is based on the present state of our knowledge. It characterizes the product about the appropriate health and safety precaution, and hazard information. It does not represent a guarantee of the properties of product.

### Revision Comments

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is correct.

## 17. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.