



WORLD-CLASS
CHEMICALS

المكرم لصناعة المواد العازلة ذ.م.م
Al Muqarram Insulation Material Industry L.L.C.

MATERIAL SAFETY DATA SHEET

DOLPHIN MULTI-PURPOSE FOAM CLEANER

Revision Date: 9th March 2021

Revision No. 02

Number of Pages: 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin Multi-Purpose Foam Cleaner
Recommended Use : Cleaning Agent

Company Details

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

Emergency Telephone Number: 00971-549981925

2. HAZARDS IDENTIFICATION

Classification of substance or mixture

Classified as : Hazardous
Label Elements : Signal word warning/ Extremely Flammable.
Other Hazards : Flammable aerosol, pressurized, may burst if heated.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Identity	CAS No	Weight %
Water	7732-18-5	70 – 80
Triethanolamine	102 – 71 – 6	0.5 – 2
Perfume	Mixture	0.5 – 1
Propellant	-	10 - 20

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

4. FIRST AID MEASURES

Description of first Aid Measures

Eyes : Flush with large amount of cool running water for at least 15 minutes.
Ingestion : If swallowed, do not induce vomiting. Never give anything by mouth to unconscious person.
Skin Contact : Remove contaminated clothing. Wash affected area with soap and water.
Inhalation : Remove victim to fresh air. Seek medical attention immediately. If breathing stops gives artificial respiration.
Most Important Symptoms : Adverse effect not expected from this product under normal condition of use
Indication of Immediate Medical : Immediate medical attention is required.
Most IMP. Symptoms

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	: Dry agent, Carbon Mono Oxide, prevent contamination of drains and waterways.
Specific Hazards Arising From the Chemical	: Flammable may evolve toxic gases (hydrocarbon) when heated to decomposition. Aerosol may be exploded at temperature above 50 °C.
Advice for Firefighters	: Fire fighters should wear full protective clothing for fires in areas where chemical is used or stored.
Specific Hazard	: Fire creates vapor/gases/fumes of Carbon mono oxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment	: Wear appropriate protective equipment. Ensure adequate ventilation especially in confined area.
Environmental Precautions	: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.
Method of Cleaning Up	: Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with clean water.

7. HANDLING AND STORAGE

Precautions for Safe Handling	: Handle with good industrial hygiene and safety practice. Avoid contact with eye, clothing, and wash thoroughly after handling. No smoking. Empty container may contain product residue. Do not damage empty container.
Proper Storage Condition	: Store in a cool, dry, well-ventilated place. Consumption of food and beverage Should be avoided in work areas. No smoking. Wash hands with soap and water Before eating, drinking. Keep away from any incompatible materials such as Oxidizing agent, alkalis.
Respiratory Protection	: Not required under normal use conditions.
Eye Protection	: Not required for normal use. Avoid contact with eye.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters Personal Protection Chemical	: Exposure Limit Triethanolamine ACGIH TLV 5 PPM. Propane ACGIH TWA 2500 PPM OHSA TWA 1000 PPM NIOSH LDLH 2100 PPM Butane ACGIH TWA 800 PPM.
Exposure Control	: Avoid inhalation. Use in well ventilated areas. Respiratory protection not required under normal use conditions. Gloves required
Engineering Controls	: Under normal use conditions. Eye protection required for normal use. Avoid contact with eye.
Personal Protective Equipment	: Chemical safety glasses, neoprene gloves, protect coat and impervious clothing or boots. Eye wash and safety shower if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Opaque Foamy Liquid
Odor	: Characteristic
Specific gravity of bulk	: 0.99 – 1.1

pH	: 8 --- 9.5
Water Solubility	: Soluble
Boiling Point	: Not determined.

10. STABILITY AND REACTIVITY

Reactivity	: Stable under normal use.
Chemical Stability	: Stable under recommended storage condition.
Possibility of Hazard	: Polymerization will not occur.
Reactivity	
Condition to avoid	: Keep away from all the heat sources, open flames, and other sources of ignition.
Incomplete Material	: Thermal decomposition will generate oxides of carbon.
Hazardous Decomposition Products	: May evolve carbon oxides and hydrocarbons and hydrocarbons when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Inhalation	: Low irritant. No adverse effects expected from the normal use.
Eye Contact	: Direct contact may cause mild eye irritation with redness & tearing.
Skin Contact	: Prolong or repeated contact may cause mild irritation in some individuals.
Ingestion	: Swallowing may cause gastrointestinal disturbances.

12. ECOLOGICAL INFORMATION

Eco-toxicity	: No information provided.
Persistence and Degradability	: No data available.
Bioaccumulation	: No information available.
Mobility	: Disperses in water.
other Adverse Effects	: No eco toxicity data available.

13. DISPOSAL CONSIDERATIONS

Water Treatment Method	: Disposal should be accordance with all local, state, provincial and federal regulation. The material if spilled or discarded, may be regulated waste. Refer to state and local regulation. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.
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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
ADG Shipping Name	: Aerosol
ADG Hazard Class	: 2.1

15. REGULATORY INFORMATION

Hazards Code	: F (Flammable)
Risk Phrases	: R10 (Flammable)
Safety Phrases	: S16 -Keep away from sources of ignition, no smoking. R12 - Extremely Flammable. S2 - Keep out of the reach of children. S25 – Avoid contact with eyes. S51 – Use only in well- ventilated areas. A1 -- Pressurized container, protect from sunlight. A2 – Do not spray on a naked flame. R12 - Extremely flammable.

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 with regard to 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.

Additional Information

It should be noted that the effects from exposure to this product depend on several Factors including frequency and duration of use, quantity used, and effectiveness of Control measures, protective equipment used and method of application.

Abbreviations

ACGIH	American Conference of Government Industrial Hygienists
CAS#	Chemical Abstract Service Number
PPM	Parts per million
STEL	Short Term Exposure Limit
SWA	Safe work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

17. DISCLAIMER

The information provided in this document has been compiled based on our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently, it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.