

MATERIAL SAFETY DATA SHEET

DOLPHIN OCTANE BOOSTER

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Number of Pages: 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin Octane Booster
Recommended Use : Automotive Maintenance Product

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
Fax No. : +971 (6) 5353964
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 : Flammable Liquid, Category 3

Label Elements



Other Hazards

: Combustible liquid May be fatal if swallowed and enters airways, causes skin irritation, May cause drowsiness or dizziness, suspected of causing cancer, Suspected of damaging fertility Response.

If swallowed: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

If on skin: Wash with plenty of water and soap. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

IF exposed or concerned: Get medical advice. In case of fire: Use water fog, foam, carbon dioxide or dry chemical to extinguish. Prevention, avoid breathing mist, vapours, or spray. Wash exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, and protective clothing.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Identity	CAS No	Weight %
Petroleum Distillate	Trade Secret	<20
IPA	67-63-0	<10
Naphtha Petroleum Heavy	Trade Secret	>50

Butyl Glycol	111-76-2	<5
Xylene	1330-20-7	>5
Toluene	108-88-3	<5

4. FIRST AID MEASURES

Description of first Aid

Inhalation	: If symptoms of exposure develop, remove to fresh air. If breathing difficult, get medical advice immediately
Eye Contact	: Flush eyes with large amounts of water. If irritation or other symptoms persist, get medical advice.
Skin Contact	: Remove contaminated clothing and launder before reuse. Wash exposed skin with soap and water. If skin irritation or redness occurs, get medical attention advice
Digestion	: DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious.

Most IMP. Symptoms

Skin irritant. Inhalation of mists or vapors may cause central nervous system effects such as dizziness, drowsiness, headache, and nausea. Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects. Contains materials suspected of damaging fertility or the unborn child. Contains materials that may cause cancer based on animal data. This risk of cancer depends on the level and duration of exposure.

Indication of Immediate Medical Attention

Material may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal.

5. FIRE FIGHTING MEASURES

Suitable Extinguish Media	: Use water fog, foam, carbon dioxide or dry chemical. Thermal decomposition may produce oxides of sodium and carbon.
Specific Hazardous Arising From the chemical	: Combustible liquid, Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flash back. Burning may produce carbon monoxide, carbon dioxide and oxides of nitrogen.
Advice for Firefighters	: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment	: Caution – slip hazard. Eliminate all ignition sources and ventilate the area. Wear appropriate protective equipment.
Environmental Precautions	: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations. Notify the National Response Center if a spill of any amount enters navigable waters, or adjoining shorelines.
Method of Cleaning Up	: Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard.

7. HANDLING AND STORAGE

Safe Handling	: Avoid contact with eyes, skin, and clothing. Avoid breathing vapours and mists. Wash exposed skin thoroughly with soap and water after use. Keep containers closed when not in use. Do not permit smoking in use or storage areas. Keep out of the reach of children. Empty containers retain product residue and may be hazardous. Do not reuse empty containers.
Storage Condition	: Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store locked up. Store away from heat sources.
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

General ventilation should be adequate for all normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

Exposure Control	
Respiratory Protection	: None under normal use conditions. For firefighting, use self-contained breathing apparatus.
Gloves	: Impervious gloves such as neoprene or nitrile are recommended if needed to avoid prolonged or repeated skin contact.
Eye Protection	: Safety glasses or goggles are recommended if eye contact is possible. Appropriate protective clothing as needed to prevent prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear Orange Liquid
Specific gravity	: 0.790 – 0.820
Odour	: Characteristic
Flash Point	: 18°C

10. STABILITY AND REACTIVITY

Reactivity	: Not normal reactive.
Chemical Stability	: Stable under recommended storage condition.
Conditions to avoid	: Keep away from excessive heat and open flames.
Incompatible Material	: Strong oxidizing agents and reducing agents.
Hazardous Decomposition products	: Burning may produce carbon monoxide, carbon dioxide and unburned hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Inhalation	: Inhalation of mists or vapours may cause central nervous system effects such as dizziness, drowsiness, headache, and nausea.
Eye Contact	: Direct contact may cause eye irritation with redness, tearing and pain.
Skin Contact	: Causes skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin and dermatitis.
Ingestion	: Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects with symptoms of drowsiness, headache, dizziness and unconsciousness.



WORLD-CLASS
CHEMICALS

12. ECOLOGICAL INFORMATION

Eco-toxicity	: No adverse effect.
Persistence and Degradability	: Fair biodegradability
Bioaccumulation	: The potential for bio concentration aquatic organisms is low to high.
Mobility	: Low mobility in soil
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.
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14. TRANSPORT INFORMATION

General	: Not regulated in non-bulk packaging
IMDG Shipping Name	: UN1268, Petroleum Distillates, n.o.s., 3, III, limited quantity, Marine Pollutant

15. REGULATORY INFORMATION

Hazards Code	: H318 (May cause eye irritation) H315 (May cause skin irritation)
Chemical Safety	: Avoid contact with skin and eyes due to acute & Chronic health.

16. OTHER INFORMATION

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

CAS#	: Chemical Abstract Service
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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 circumstances, conditions, or use.