

MATERIAL SAFETY DATA SHEET

DOLPHIN Fuel Injection Cleaner

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : DOLPHIN Fuel Injection Cleaner
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, sales@muqarram.com
Website : www.muqarram.com

Emergency Telephone Number: 00971-549981925

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classified as : Flammable Liquid, Category 3

2.2 Label Elements



2.3 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, vapors 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 INGREDIENTS

CHEMICAL NAME	CAS #	Wt. %
Petroleum Distillate	Trade Secret	<20
IPA	67-63-0	<10
Naphtha Petroleum Heavy	Trade Secret	>55
Butyl Glycol	111-76-2	<5
Xylene	1330-20-7	>5

Toluene	108-88-3	<5
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4. FIRST AID MEASURES

4.1 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
4.2 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.
4.3 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

5.1 Suitable Extinguish Media	: Use water fog, foam, carbon dioxide or dry chemical. Thermal decomposition may produce oxides of sodium and carbon.
5.2 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.
5.3 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

6.1 Personal precautions, protective equipment	: Caution – slip hazard. Eliminate all ignition sources and ventilates the area. Wear appropriate protective equipment.
6.2 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.
6.3 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

7.1 Safe Handling	: Avoid contact with eyes, skin and clothing. Avoid breathing vapors 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.
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7.2 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

8.1 Control Parameters : 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.

8.2 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.

Engineering Controls

Personal Protective Equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear Orange Liquid

Specific gravity : 0.790 – 0.820

pH : n/a

Flash Point : 18°C

10. STABILITY AND REACTIVITY

10.1 Reactivity : Not normal reactive.

10.2 Chemical Stability : Stable under recommended storage condition.

10.3 Conditions to Avoid : Keep away from excessive heat and open flames.

10.4 Incompatible Material : Strong oxidizing agents and reducing agents

10.5 Hazardous : Burning may produce carbon monoxide, carbon dioxide and unburned hydrocarbons

Decomposition Products

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation : Inhalation of mists or vapors 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.

12. ECOLOGICAL INFORMATION

12.1 Eco Toxicity	: No adverse effect.
12.2 Persistence & Degradability	: Fair biodegradability
12.3 Bio accumulation	: The potential for bio concentration aquatic organisms is low to high.
12.4 Mobility in soil	: Low mobility in soil
12.5 Other Adverse Effect	: No eco toxicity data available.

13. DISPOSAL CONSIDERATIONS

Water Treatment Method : Disposal should be accordance with all local, state, provincial and federal regulation

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 Codes **H318 (May cause eye irritation)**
H315 (May cause skin irritation)

Chemical Safety : Avoid to 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

DISCLAIMER

The information provided in this document has been compiled on the basis of 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 particular 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.