



DOLPHIN FUEL INJECTION AIR INTAKE SYSTEM CLEANER

Last Revision Date : 25.04.2018
Revision No. : 00

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin Fuel Injection Air Intake Cleaner
Recommended Use : Fuel Injection Cleaner Consumer Use

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
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E-mail ID : info@muqarram.com, sales@muqarram.com

2. HAZARDS IDENTIFICATION

Physical Hazards	Flammable aerosol	Category 1
	Gases under pressure	Compressed gas
Health Hazards	Serious eye damage	Category 2 A
	Aspiration Hazard	Category 1
	Specific target organ toxicity Single exposure	Category 3 narcotic effect

Label Elements



Other Hazards

Precautionary Statements Prevention

Keep away from heat / spark / open flames / hot surfaces.
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 INGREDIENTS

Chemical Identity	CAS #	Wt. %	Skin	Carcinogen
Acetone	67-64-1	20 – 30	No	No
Toluene	108-88-3	40 – 60	No	No
Methanol	67-56-1	10 – 30	No	No
Propellant	74-98-6	15 – 30	No	No

All spray consisting of solvent, additive and hydro carbon propellant.



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4. 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	May cause eye, skin, and respiratory irritation prolong skin contact may causes drying of skin. Inhalation may cause headache, dizziness, nausea, and other central nervous system depression. Aspiration into the lungs during ingestion or vomiting may cause lung damage.
Indication of Immediate Medical Attention and Special Treatment Needed	Provide general supportive measures and treat symptomatically. Keep victim under observation.

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation especially in confined area, avoid contact with skin and eyes.
Environmental Precautions Containment and Clean Up Procedures	Do not flush into surface water or sanitary sewer system. 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

Precautions for Safe Handling	Handle with good industrial hygiene and safety practice avoid breathing vapors or mist. Avoid contact with eyes, clothing, and wash thoroughly after handling.
Proper Storage Condition	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. Do not puncture, incinerate or crush the can. Store in a well- ventilated place.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone (67-64-1) Toluene (108-88-3)	STEL 750 ppm (TWA 500 ppm) TWA 20 ppm	TWA 1000 ppm (TWA2400 mg/m ³) TWA 200 ppm	IDLH 2500 ppm, TWA 250 IDLH 500 ppm, TWA 100 ppm
Methanol (67-56-1)	TWA 200 ppm, STEL 250 ppm	TWA -200 ppm, 260 mg /m ³	STEL – 250 ppm,325 mg/m ³

Engineering Controls Shower, eye wash station, ventilation system.
Eye/Face Protection Wear safety glasses with shields (goggles)
Respiratory Protection In case of insufficient ventilation, wear suitable respiratory equipment.
Skin Protection Wear protective gloves and protective clothing.
Other Protective Equipment Wear suitable protective clothing such as aprons against splashing and contamination.
Work/Hygienic Practices 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

Appearance
Physical State Liquid
Form Aerosol
Color Clear/Colorless
Properties
Solubility Non-soluble in water
Specific Gravity 0.836

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION

Possible Health Effects

Skin May cause skin irritation and dermatitis.
Eye Contact with eyes may cause irritation.
Inhalation May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, and dizziness.

Chemical Name	Oral Toxicity	Dermal Toxicity	Inhalation
Acetone	LD ₅₀ (Rat female) 5800mg/kg	LD ₅₀ (Rabbit) 7426mg/kg	LC ₅₀ (Rabbit) 76mg/L 4 hrs.
Methanol	LDLO (Human) 300 mg/kg	LD ₅₀ (Rabbit) 12800 mg / kg	The components/mixture is as acute oral toxicity category 3.
Toluene	Oral /LD50 2600 mg / kg rat	LD ₅₀ 12000 mg /kg rabbit	LC ₅₀ 12.5 kg/l rat 4 hrs

12. ECOLOGICAL INFORMATION

Eco-toxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and Degradability No data available.
Bioaccumulation No information available.
Mobility Disperse in water
Other Adverse Effects No information available.

13. DISPOSAL CONSIDERATIONS

Water Treatment Method Recover or recycle if possible. Disposal should be accordance applicable regional, national and local laws and regulations.
Contaminated Packaging 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



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ENCS Not determined
IECSC Not determined

Legend

TSCA	United State Toxic Substances Control Act Section 8 b Inventory.
DSL/NDL	Canadian Domestic Substances List/Non domestic Substances list.
ENCS	Japan existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances
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
NIOSH	National Institute for Occupational Safety and Health.

NFPA Information

Health	2
Flammability	2
Instability	0

HMIS Information

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.

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.

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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.

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.