



SAFETY DATA SHEET
DIMETHYL CHLOROPHOSPHATE


Revision: 19/03/2013

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company Identification:	Georganics Ltd. Koreničova 1 811 03 Bratislava Slovak Republic	Phone Number: +421 33 6403132 Fax Number: +421 33 6403133 E-mail address: georganics@georganics.sk
Emergency Number, Slovakia:	National Toxicological Information Centre Tel: 00421-2-54774166 Mobil: +421 911 166 066	

SECTION 2 - HAZARDS IDENTIFICATION

GHS pictogram:	H300 - Fatal if swallowed. H310 - Fatal in contact with skin. P260 - Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection/face protection P284 - Wear respiratory protection. P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell	H314 - Causes severe skin burns and eye damage. H330 - Fatal if inhaled.
		
Signal word:	Danger	

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Assay (%)	EINECS#
813-77-4	Dimethyl chlorophosphate	min. 96	-

SECTION 4 - FIRST AID MEASURES

Eyes:	Rinse opened eye for at least 15 minutes under running water. Get medical aid.
Skin:	Instantly wash with water and soap and rinse thoroughly. Get medical aid.
Ingestion:	Get medical aid. Wash mouth out with water. Do Not induce vomiting.
Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If required, provide artificial respiration.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing agents	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin/eyes.
Unusual fire and explosions hazards:	During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:	Wear protective equipment as indicated in section 8. Ensure adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion/inhalation. Wash spill site after material pickup is complete.
Environmental precautions	Should not be released into the environment.
Additional information:	See Section 7 for information on safe handling. See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

SECTION 7 - HANDLING AND STORAGE

Handling:	Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage:	Store in a dry, cool and well ventilated place. Keep container closed when not in use. See Section 10 for stability and reactivity information.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels. Safety shower and eye bath.
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Personal Protective Equipment

Eyes:	Wear chemical safety glasses.
Skin:	Wear appropriate protective gloves and clothing to prevent skin exposure.
Clothing:	Wear appropriate protective work clothing.
Respirators:	Use breathing protection with high concentrations.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Density:	Not available
Color:	Clear Colourless	Solubility:	Not available
Boiling Point:	80°C	Molecular Formula:	C2H6ClO3P
Flash Point:	113°C	Molecular Weight:	144,49

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Incompatible Materials:	Strong oxidants, Strong bases
Conditions to avoid:	Incompatible products
Hazardous Decomposition:	Carbon oxides, oxides of phosphorus, hydrogen chloride gas

SECTION 11 - TOXICOLOGICAL INFORMATION

Carcinogenicity:	There are no known carcinogenic chemicals in this product. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Potential Health Effects	Toxic if swallowed. Causes eye burns. Inhalation may cause respiratory irritation.
Other:	The toxicological properties have not been fully investigated.

SECTION 12 - ECOLOGICAL INFORMATION

Do not let product enter drains.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

	IATA	IMDG/IMO	RID/ADR
Shipping Name:	TOXIC LIQUID, CORROSIVE ORGANIC, N.O.S.	TOXIC LIQUID, CORROSIVE ORGANIC, N.O.S.	TOXIC LIQUID, CORROSIVE ORGANIC, N.O.S.
Hazard Class:	6.1 (8)	6.1 (8)	6.1 (8)
UN Number:	2927	2927	2927
Packing Group:	I	I	I

SECTION 15 - REGULATORY INFORMATION**European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols:	T+ - Very Toxic
Risk Phrases:	R26/27/28 - Very toxic by inhalation, in contact with skin and if swallowed. R34 - Causes burns
Safety Phrases:	S7/9 - Keep container tightly closed and in a well-ventilated place. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Canadian DSL/NDSL CAS# 813-77-4 is not listed on Canada's DSL or NDSL List.

US Federal TSCA CAS# 813-77-4 is not listed on the TSCA Inventory.

SECTION 16 - OTHER INFORMATION**WARRANTY**

The information contained in the SDS are compiled according to the present knowledge of the manufacturer. It does not represent any guarantee of the properties of the product. SDS shall be used only as a guide. Georganics Ltd. is not liable for damages incurred in the handling or contact with chemicals.