


SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		
Product identifiers		
Product name: 3-Chlorofuran	Product Code: GEO-03997	CAS-No. : 50689-17-3
Relevant identified uses of the substance or mixture and uses advised against		
Identified uses : Laboratory chemicals, Manufacture of substances		
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: +421-2-54774166, Mob: +421 911 166 066		

SECTION 2 - HAZARDS IDENTIFICATION	
Classification of the substance or mixture	
Classification according to Regulation (EC) No 1272/2008	
Flammable liquids (Category 2)	
According to European Directive 67/548/EEC as amended.	
Highly flammable.	
Label elements	
Labelling according Regulation (EC) No 1272/2008	
GHS pictogram:	H225 - Highly flammable liquid and vapour. P210 - Keep away from heat/sparks/open flames/hot surfaces. – NO SMOKING
	Signal word: Danger

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS					
Synonyms	Formula	Molecular Weight	Assay (%)	CAS#	EC-No.
	C4H3ClO	102,52g/mol	-	50689-17-3	256-715-5

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.
Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If required, provide artificial respiration. Get medical aid.

SECTION 5 - FIRE FIGHTING MEASURES	
Suitable extinguishing agents	For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be in effective. Cool all affected containers with flooding quantities of water.
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 dust formation. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash spill site after material pickup is complete.
Environmental precautions	Do not let this chemical enter 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. Ensure adequate ventilation.
Storage:	Store in a dry, cool and well ventilated place. Keep container closed when not in use. Keep refrigerated .Keep away from heat/sparks/open flames/hot surfaces. Light sensitive. See Section 10 for stability and reactivity information.

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.
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:	Not available	Flash Point:	Not available
Color:	Not available	Specific Gravity/Density:	Not available
Boiling Point:	Not available	Molecular Formula:	C4H3ClO
Freezing/Melting Point:	Not available	Molecular Weight:	102,52

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Incompatible Materials:	Strong oxidizing agents
Conditions to avoid:	Incompatible products. Heat/sparks/open flames/hot surfaces.
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides, 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:	Inhalation may cause respiratory irritation. May be harmful if inhaled, swallowed or absorbed through skin.
Other:	The toxicological properties have not been fully investigated.

SECTION 12 - ECOLOGICAL INFORMATION

No data available

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:	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.
Hazard Class:	3	3	3
UN Number:	1993	1993	1993
Packing Group:	II	II	II

SECTION 15 - REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Canadian DSL/NDSL	CAS# 50689-17-3 is not listed on Canada's DSL or NDSL List.
US Federal TSCA	CAS# 50689-17-3 is not listed on the TSCA Inventory. It is for research and development use only.

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.