

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Name : Marine Fabric Coat
 Product code : MFC

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Consumer use, Industrial use
 Use of the substance/mixture : Coating

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GTECHNIQ LTD
 Unit 2 Langfurlong
 Upper Heyford
 Northampton
 Northamptonshire
 NN7 3FA
 United Kingdom

Tel: +44 (0)1604 962553

1.4. Emergency telephone number

Emergency number : +44 (0)1604 962553

Country	Organisation/Company	Address	Emergency number
	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319
 Aquatic Chronic 3 H412
 Flam. Liq. 2 H225
 STOT SE 3
 Aquatic Chronic H336

Full text of classification categories and H statements : see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07



GHS02

Signal word (CLP)	: Danger
Hazard statements (CLP)	: H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with <water/shower>. P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists: Get medical <advice/attention>. P370+378: In case of fire: Use ... to extinguish. P403+233: Store in a well-ventilated place. Keep container tightly closed. P403+235: Store in a well-ventilated place. Keep cool.

2.3. Other hazards

This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Hazardous ingredients:

PROPAN-2-OL

EINECS	CAS	PBT/WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	>80%

3-(TRIMETHOXSILYL) PROPYLDIMETHYLOCTADECYL AMMONIUM CHLORIDE

-	27668-52-6	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	0.1-1.0%
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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Not applicable.
First-aid measures after skin contact	: Wash immediately with plenty of soap and water.
First-aid measures after eye contact	: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
First-aid measures after ingestion	: Wash out mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after ingestion	: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Symptoms/injuries after inhalation	: There may be irritation of the throat with a feeling of tightness in the chest.
Symptoms/injuries after skin contact	: There may be irritation and redness at the site of contact.
Symptoms/injuries after eye contact	: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Reactivity : In combustion emits toxic fumes.

5.3. Advice for firefighters

Protection during firefighting : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

State	Respirable dust			
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

8.2. Exposure controls

Appropriate engineering controls : Ensure there is sufficient ventilation of the area.
Personal protective equipment : Protective clothing. Protective goggles. Gloves.



Hand protection : Protective gloves.
Eye protection : Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin and body protection : Wear suitable protective clothing.

Respiratory protection	: Self-contained breathing apparatus must be available in case of emergency. If operating conditions create high airborne concentrations of this material, then the use of a vapour mask to a minimum standard of EN405 with filters compliant with NF EN 143 norm (type FFP1) is recommended.
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colourless liquid.
Colour	: Colourless.
Odour	: Alcoholic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: ~82
Flash point (Celsius)	: <23
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: Miscible
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: Non-viscous
Viscosity, dynamic	: Non-viscous
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicity values:**

Route	Species	Test	Value	Units
Oral	RAT	LD50	>2000	mg/kg

Hazardous ingredients:**PROPAN-2-OL**

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
CSU	MUS	LDLO	6	gm/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Skin Contact	: There may be irritation and redness at the site of contact.
Eye Contact	: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion	: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	: There may be irritation of the throat with a feeling of tightness in the chest.

SECTION 12: Ecological information**12.1. Toxicity**

No data available.

12.2. Persistence and degradability

Biodegradable in part only.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Negligible ecotoxicity.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : UN1993

14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

14.3. Transport hazard class(es)

Class (ADR) : 3

14.4. Packing group

Packing group (ADR) : II

14.5. Environmental hazards

Environmentally hazardous : No

Marine pollutant : No

14.6. Special precautions for user**14.6.1. Overland transport**

Transport category (ADR) : 2

Tunnel restriction code (ADR) : D/E

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable.

15.2. Chemical safety assessment**SECTION 16: Other information****Other information:**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

SDS EU_NSC

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.