

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

1.1. Product identifier

Product form : Mixture
Product name : PROMASTOP®-I liquid

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : Restricted to professional users
Use of the substance/mixture : Fire protection

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Etex Building Performance GmbH
St.-Peter-Straße 25
4021 Linz - Austria
T +43 732-6912-0
info.at@etexgroup.com - www.promat.at

Other

Etex Building Performance Limited
Gordano House, Marsh Lane, Easton-in-Gordano
Eastern Road
BS20 ONE Bristol - United Kingdom
T +44 1275 377 773
marketinguk@promat.co.uk - www.promat.co.uk

Other

Etex France Building Performance S.A.S.
500 rue Marcel Demonque
Agroparc - CS70088
84915 Avignon Cedex 9 - France
T +33(0)4 32 44 44 44
fds.efbp@etexgroup.com - www.promat.fr

Other

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info@promat.es - www.promat.es

Other

Promat AG
Stationsstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other

Etex Nordic A/S
Vendersgade 74, 3
7000 Fredericia - Denmark
T +45 7366 1999
Promat-dk@etexgroup.com - www.promat.nu

Other

Promat Fire Protection LLC
Plot No. 597-921 Dubai Investment Park 2
123945 Dubai - United Arab Emirates
T +971 4 885 3070 - F +971 4 885 3588
info@promatfp.ae - www.promatmiddleeast.com

Other

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Other

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27010 Vellezzo Bellini (PV) - Italy
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Other

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top@promatop.pl - www.promatop.pl

Other

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Trata 50
4220 Skofja Loka - Slovenia
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Other

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16000 Praha 6 - Bubenec - Czech Republic
T +420 224 390 811 - F +420 233 333 576
promat@promatpraha.cz - www.promatpraha.cz

Other

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Scheifenkamp 16
40878 Ratingen - Germany
T +49-2102 493 0 - F +49-2102 493 111
mail@promat.de - www.promat.de

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1.4. Emergency telephone number

Emergency number : +43 732-6912-0
During office hours:
Monday-Friday: 8.00 a.m. - 4.30 p.m. (MEZ) .
Language
German
English

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Reproductive toxicity, Category 2 H361f

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Suspected of damaging fertility. (oral).

2.2. Label elements

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

Hazard pictograms (CLP)



GHS08

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H361f - Suspected of damaging fertility.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective clothing, protective gloves, eye protection, face protection.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH208 - Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3. Other hazards

Other hazards not contributing to the classification : No special dangers are known, if the storage and handling regulations are observed.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not established.

3.2. Mixtures

Comments : Mixture of the substances listed below with harmless additives

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Melamine	(CAS-No.) 108-78-1 (EC-No.) 203-615-4	≥ 10 - < 25	Repr. 2, H361f
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	(CAS-No.) 55406-53-6 (EC-No.) 259-627-5 (EC Index-No.) 616-212-00-7	< 0,1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	< 0,0015	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	(0,0015 ≤ C < 100) Skin Sens. 1A, H317 (0,06 ≤ C < 0,6) Eye Irrit. 2, H319 (0,06 ≤ C < 0,6) Skin Irrit. 2, H315 (0,6 ≤ C < 100) Skin Corr. 1C, H314 (0,6 ≤ C < 100) Eye Dam. 1, H318

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Not required for normal conditions of use.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water removing at the same time all contaminated clothes. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth thoroughly, drink plenty of water. If symptoms persist, consult a doctor.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. In normal conditions of use, the components cannot be released because of the form in which the article or preparation is placed on the market.
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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	: All extinguishing media can be used. Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: This is a water-based product and presents no particular fire or explosion hazard.
Hazardous decomposition products in case of fire	: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Nitrogen oxides (NOx). Hydrogen cyanide (HCN). Ammonia (NH3).

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: The product is water based and is not combustible. Do not allow into drains or water courses.

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not allow entry to drains, sewers, water courses or soil.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Dispose in a safe manner in accordance with local/national regulations. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. For disposal of solid materials or residues refer to section 13 : "Disposal considerations". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Spray application of a coating system typically requires respiratory protection to prevent from inhalation of paint aerosols as well as from volatile and non-volatile (e.g. pigments, fillers) paint components, independent from the nature of the coatings system. Spray application requires improved respiratory protection by using at least a combination filter A/P2 or A/P3 or a supplied air system, depending on the extend of spray operation duration of spraying, extend of aerosol formation, etc.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid all unnecessary exposure. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Keep away from heat and direct sunlight. Protect against frost. Store locked up. Store in a well-ventilated place.

Storage temperature : ≥ 5 °C

7.3. Specific end use(s)

Fire protection. For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region. For professional users only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)		
Ireland	Local name	Titanium dioxide
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Ireland	Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m ³)	4 mg/m ³ respirable 10 mg/m ³ total inhalable
United Kingdom	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Iceland	Local name	Títandíoxíð, sem Ti
Iceland	OEL (8 hours ref) (mg/m ³)	6 mg/m ³
Iceland	Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Pentaerythritol (115-77-5)		
Ireland	Local name	Pentaerythritol
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Ireland	OEL (15 min ref) (mg/m ³)	20 mg/m ³ total inhalable dust
Ireland	Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom	Local name	Pentaerythritol
United Kingdom	WEL TWA (mg/m ³)	4 mg/m ³ respirable dust 10 mg/m ³ inhalable dust
United Kingdom	WEL STEL (mg/m ³)	20 mg/m ³ inhalable dust
United Kingdom	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Propane-1,2-diol (57-55-6)		
Ireland	Local name	Propane-1,2-diol [Propylene glycol]
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ particulates 470 mg/m ³ total (vapour and particulates)
Ireland	OEL (8 hours ref) (ppm)	150 ppm total (vapour and particulates)
Ireland	Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom	Local name	Propane-1,2-diol
United Kingdom	WEL TWA (mg/m ³)	474 mg/m ³ total vapour and particulates 10 mg/m ³ particulates
United Kingdom	WEL TWA (ppm)	150 ppm total vapour and particulates
United Kingdom	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Additional information : Ensure all national/local regulations are observed.

8.2. Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation. Ensure good ventilation of the work station.

Materials for protective clothing:

Not required for normal conditions of use

Hand protection:

Use chemical resistant, impermeable gloves. Wash hands after handling.

Eye protection:

Risk of contact: wear approved safety goggles. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No special protection required where adequate ventilation is maintained. In case of insufficient ventilation, wear suitable respiratory equipment. Provide by spray application improved respiratory protection by using at least a combination filter A/P2 or A/P3 or a supplied air system, depending on the extend of spray operation, duration of spraying, extend of aerosol formation, etc. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Other information:

Training staff on good practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid. Paint.
Colour	: white.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 7 – 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not determined
Freezing point	: No data available
Boiling point	: ≈ 100 °C
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 23 hPa (20°C)
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,3 – 1,5 g/cm ³
Solubility	: Water: completely miscible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 20 – 35 Pa·s
Explosive properties	: Not explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Solid content	: 68 – 74 %
VOC content	: < 80 g/l (Dir 2004/42/CE Annex II, A - max. VOC - Phase II, i, WB: 140 g/l)

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

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Hazardous decomposition products should not form under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LD50 oral rat	53 – 66 mg/kg
LD50 dermal rat	141 mg/kg

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

LD50 dermal rabbit	87 mg/kg
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3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

LD50 oral rat	1470 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Melamine (108-78-1)

LD50 oral rat	3161 mg/kg
LD50 dermal rabbit	> 1000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 5,19 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation))
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5190 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 7 – 9
Serious eye damage/irritation	: Not classified pH: 7 – 9
Respiratory or skin sensitisation	: Not classified
Additional information	: Contains : reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

Melamine (108-78-1)

IARC group	2B - Possibly carcinogenic to humans
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Melamine (108-78-1)

NOAEL (chronic, oral, animal/male, 2 years)	≈ 140 mg/kg bodyweight
Additional information	In animal studies carcinomas were observed at high doses in the bladder of male rats, caused by the formation of bladder stones and their constant irritation.

Reproductive toxicity	: Suspected of damaging fertility.
Additional information	: Due to the melamine content of the product, the classification criteria according to the CLP Regulation No 1272/2008 are fulfilled. Toxicological data for the product are not available.

Melamine (108-78-1)

Additional information	The substance may cause damage to the testes after repeated ingestion (oral) of high doses, as shown in animal studies. The potential to impair fertility cannot be excluded.
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STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Melamine (108-78-1)

Additional information	The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.
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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Other information	: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

PROMASTOP®-I liquid

Additional information	No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
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reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1	0,22 mg/l
EC50 Daphnia 1	0,1 mg/l
EC50 other aquatic organisms 1	0,0052 mg/l RAC
EC50 72h algae (1)	0,048 mg/l
NOEC (chronic)	0,00064 mg/l RAC
NOEC chronic fish	0,098 mg/l
NOEC chronic crustacea	0,004 mg/l
NOEC chronic algae	0,0012 mg/l

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

LC50 fish 1	0,067 mg/l
EC50 Daphnia 1	0,16 mg/l (Daphnia magna)
ErC50 (algae)	0,022 mg/l (Scenedesmus subspicatus)

Melamine (108-78-1)

LC50 fish 1	> 3000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	200 mg/l Test organisms (species): Daphnia magna
EC50 96h algae (1)	325 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	> 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 5,1 mg/l Test organisms (species): Pimephales promelas Duration: '36 d'

12.2. Persistence and degradability

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

Chemical oxygen demand (COD)	0,12 g O ₂ /g substance
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3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

Persistence and degradability	Readily biodegradable.
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Melamine (108-78-1)

Persistence and degradability	Not readily biodegradable.
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12.3. Bioaccumulative potential

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

Partition coefficient n-octanol/water (Log Kow)	2,81
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Melamine (108-78-1)

BCF fish 1	3,8 mg/kg
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PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Bioaccumulative potential	Not expected to bioaccumulate.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

PROMASTOP®-I liquid

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Do not allow entry to drains, sewers, water courses or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations. Do not allow entry to drains, sewers, water courses or soil. Must follow special treatment according to local regulation.
Product/Packaging disposal recommendations	: Dispose as hazardous waste. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
European List of Waste (LoW) code	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
HP Code	: HP10 - "Toxic for reproduction:" waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not established.

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

PROMASTOP®-I liquid ; reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 80 g/l (Dir 2004/42/CE Annex II, A - max. VOC - Phase II, i, WB: 140 g/l)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1. Identification of the substance/mixture and of the company/undertaking. 2.3. Other hazards. 3.2. Mixtures. 4. First aid measures. 5. Firefighting measures. 7. Handling and storage. 8. Exposure controls/personal protection. 11. Toxicological information. 13. Disposal considerations.

Full text of H- and EUH-statements:

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.

PROMASTOP®-I liquid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H331	Toxic if inhaled.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Safety Data Sheet applicable for regions : CY;GB;GI;IE;IS;MT

SDS EU (REACH Annex II) custom

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