

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

1.1 Product identifier

- *Rt qf weveqf g* TO9754
- *Vtcf g pco g* <**DIAMANTE POLYURETHANE CLEAR TOP COAT 25GL**
- *3040Tgqxcpvlf gpvllgf wugu qhv j g wuducpeg qt o kwvt g cpf wugcf xhgf ci clpw*
Painting product for coating and / or decoration of manufactured articles.
- *Crrntecvqp qhv j g wuducpeg Ij g o kwvt g* For professional use

1.3 Details of the supplier of the safety data sheet

·Manufacturer/Supplier:

IVM Chemicals srl Viale della Stazione 3 -27020 Parona (PV) Italy tel +39 038425441

1.3.2 Importer

Name: AKZOLUX AUSTRALIA T/as: SUPERIOR TIMBER COATINGS

Address: 13/257 COLCHESTER ROAD KILSYTH, VICTORIA, AUSTRALIA Email:tom@stcoatings.com.au

·Information department:

Environmental Health and safety office hseoffice@ivmchemicals.com

·Emergency telephone number:

From 8.30am to 3.30pm (AEST) +61 03 9761 6899 Out of the above mentioned hours, Saturdays and Sundays and during periods of closure for holidays please call: +61410 635 016

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- *Encuilltecvqp ceeqtf lpi vj Tgi wrcvqp *GE+Pq 3494H22:*



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.
STOT RE 2 H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

- *Ncdgnlpi ceeqtf lpi vj Tgi wrcvqp *GE+Pq 3494H22:*

The product is classified and labelled according to the CLP regulation.

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· *J c/ctf r lēwī tco u*



GHS02 GHS07 GHS08

· *Ui pcny qtf* Danger

· *J c/ctf/f gyto k lpi eqo r qpgpw qh r dgn lpi <*
xylene
toluene

ethyl acetate
2-methoxy-1-methylethyl acetate

· *J c/ctf uc vgo gpw*

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

H412 Harmful to aquatic life with long lasting effects.

· *Rt gecw k p c t { uc vgo gpw*

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P260 Do not breathe vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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/doctor if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local.

· **2.3 Other hazards**

· *T gw n u q h R D V c p f x R x D c u g u o g p v*

· RDV < Not applicable.

· xRxD < Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· *F g u e t l r w q p* < Mixture: consisting of the following components.

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<i>· Fcpi gqwu ego rpgpwnk</i>		
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene  Flam. Liq. 3, H226  STOT RE 2, H373; Asp. Tox. 1, H304  Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412	20-24.99%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	15-19.99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate  Flam. Liq. 3, H226  STOT SE 3, H336	5-9.99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate  Flam. Liq. 2, H225  STOT SE 3, H336	5-9.99%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene  Flam. Liq. 2, H225  STOT RE 2, H373; Asp. Tox. 1, H304  Acute Tox. 4, H332	5-9.99%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene  Flam. Liq. 2, H225  Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336 Aquatic Chronic 3, H412	≥3-<4.99%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38-XXXX	butan-1-ol  Flam. Liq. 3, H226  Eye Dam. 1, H318  Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-2.49%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23-XXXX	2-methylpropan-1-ol  Flam. Liq. 3, H226  Eye Dam. 1, H318  Skin Irrit. 2, H315; STOT SE 3, H335-H336	1%

· Cff hkap cnlphqto ctkp <For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· I gpgt cnlphqto ctkp <

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

personal protective equipment for first aid responders is recommended. (please see section 8)

· Chgt hqj c rvlkq <

In case of unconsciousness place patient stably in side position for transportation.

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- *Chgt unlp eqpw ev<*
Remove contaminated clothing.
Immediately wash with water and soap, or a recognized skin cleanser, and rinse thoroughly.
Take off immediately all contaminated clothing, include underwear and shoes (if necessary).
Rinse thoroughly with plenty of water for at least 20 minutes and take medical advise. I medical advise is needed have products container or label at hand.
- *Chgt gfg eqpw ev<*
Rinse opened eye for several minutes under running water. Then consult a doctor.
- *Chgt uy cnny lpi <*Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
For symptoms and effects caused by substances, see chap. 11th
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - *Uwkc dng gz vpi wuj lpi ci gpw<* Alcohol resistant foam, CO, powder, water spray/mist.
 - *Hqt uchgv tgc upu wpuwkc dng gz vpi wuj lpi ci gpw<*
Do not use a jet water stream as it may scatter and spread fire.
- **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.
 - *Rt qvewkxg gwlr o gpw<*
Hardhat with visor, fireproof clothing, suitable gloves and if necessary mouth respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
Protect against electrostatic charges.
Keep respiratory protective device available.
Use explosion-proof apparatus / fittings and spark-proof tools.

· *Kplqto cvkqp cdqvwlltg / cpf gznqukqp rtqgevkqp <*

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

· *Uvqtcig <*

· *Tgs wltgo gpvuvj dg o gvd{ wqtgtqgo ucpf tgegrwenguk <*

Store in a cool, well-ventilated area, away from heat and sources of ignition

Provide solvent resistant, sealed floor.

Observe the label precautions, the expiration date for the use, if indicated, is from delivery date.

In cases there is no reported deadline, it means that the product must be used within 8 months.

· *Kplqto cvkqp cdqvwuqtcig kp qpg eqo o qp wqtcig hceklk <* Not required.

· *Hwtvjgt kplqto cvkqp cdqvwuqtcig eqpf kvkqpuk <*

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s)

Those typical of the product and the instructions in the data sheet if required.

SECTION 8: Exposure controls/personal protection

· *Cffkvkqpcnkplqto cvkqp cdqvwfguki p qhvgej plecnkceklk <* No further data; see item 7.

8.1 Control parameters

· *Kpitgfgpuy kj nto kxcnwguyj cvtgs wltgo qplvqt lpi cvj gy qtnrweg <*

141-78-6 ethyl acetate (15-19.99%)

WEL Short-term value: 1468 mg/m , 400 ppm

Long-term value: 734 mg/m , 200 ppm

100-41-4 ethylbenzene (5-9.99%)

WEL Short-term value: 552 mg/m , 125 ppm

Long-term value: 441 mg/m , 100 ppm

Sk

71-36-3 butan-1-ol (1-2.49%)

WEL Short-term value: 154 mg/m , 50 ppm

Sk

78-83-1 2-methylpropan-1-ol (1%)

WEL Short-term value: 231 mg/m , 75 ppm

Long-term value: 154 mg/m , 50 ppm

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67-63-0 propan-2-ol (0.5-1%)

WEL Short-term value: 1250 mg/m , 500 ppm
 Long-term value: 999 mg/m , 400 ppm

123-86-4 n-butyl acetate (<0.1%)

WEL Short-term value: 966 mg/m , 200 ppm
 Long-term value: 724 mg/m , 150 ppm

· FPGNu

1330-20-7 xylene

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	289 mg/mc (Workers)
	DNEL	77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)

141-78-6 ethyl acetate

Oral	DNEL	4.5 mg/kg bw/d (population)
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	1,468 mg/mc (Workers)
		734 mg/mc (population)
	DNEL	734 mg/mc (Workers)
		367 mg/mc (population)
Irritation of skin	DNEL	63 mg/kg bw/d (Workers)
		37 mg/kg bw/d (population)

108-65-6 2-methoxy-1-methylethyl acetate

Inhalative	DNEL	275 mg/mc (Workers)
Irritation of skin	DNEL	153.5 mg/kg bw/d (Workers)

110-19-0 isobutyl acetate

Oral	DNEL	5 mg/kg bw/d (population)
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	600 mg/mc (Workers)
		300 mg/mc (population)
	DNEL	300 mg/mc (Workers)
		35.7 mg/mc (population)
Irritation of skin	DNEL acuto/agudo/ostre/aigu/acute/akut	5 mg/kg bw/d (population)
	DNEL	10 mg/kg bw/d (Workers)
		5 mg/kg bw/d (population)

100-41-4 ethylbenzene

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	293 mg/mc (Workers)
	DNEL	77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)

108-88-3 toluene

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	384 mg/mc (Workers)
	DNEL	192 mg/mc (Workers)
Irritation of skin	DNEL	384 mg/kg bw/d (Workers)

78-83-1 2-methylpropan-1-ol

Inhalative	DNEL	310 mg/mc (Workers)
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· RPGEu	
1330-20-7 xylene	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.327 mg/L (–)
PNEC Suolo/earth/suelo/ /	2.31 mg/kg (–)
141-78-6 ethyl acetate	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.24 mg/L (–)
PNEC Suolo/earth/suelo/ /	0.148 mg/kg (–)
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.635 mg/L (–)
PNEC Suolo/earth/suelo/ /	0.29 mg/kg (–)
110-19-0 isobutyl acetate	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.17 mg/L (–)
PNEC Suolo/earth/suelo/ /	0.0755 mg/kg (–)
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.1 mg/L (–)
PNEC Suolo/earth/suelo/ /	2.68 mg/kg (–)
108-88-3 toluene	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.68 mg/L (–)
PNEC Suolo/earth/suelo/ /	2.89 mg/kg (–)
78-83-1 2-methylpropan-1-ol	
PNEC Acqua dolce/water/woda sľodka/eau/agua/	0.4 mg/L (–)
PNEC Suolo/earth/suelo/ /	0.0699 mg/kg (–)

· Cf f k t q p c n l p l q t o c v t q p < The lists valid during the making were used as basis.

· 8.2 Exposure controls

· R g t u q p c n r t q v e v k x g g s w l r o g p v <

· I g p g t c n r t q v e v k x g c p f j { i k p l e o g c u m t g u <

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

· T g u r k c v q t { r t q v e v k q p <

Short term filter device:

Filter AX



Suitable respiratory protective device recommended. (EN140)

· R t q v e v k q p q h j c p f u <



Protective gloves

The glove material has to be impermeable and resistant to the product and in accordance with EN 374 and Directive 89/686/EEC.

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Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **O cvgtknqhi nrxgu**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Rppwtvwap wo g qhi nrxg o cvgtkn**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Gfgrtqvewtqp <**



Glasses (EN166) or other protective equipment

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **I gpgtcnlphto cvtqp**

· **Crrgctpeg <**

· **Hqto <**

Fluid

· **Eqvwt <**

According to product specification

· **Qf qwt <**

Characteristic

· **Qf qwt vj tguj qif <**

Not determined.

· **rJ /xcwng <**

Not determined.

· **Ej cpi g lp eqpfktqp**

· **Ognlpi rqlpvltgg/lpi rqlpv <**

Undetermined.

· **Kpkkndqktpi rqlpvcpf dqktpi tcpi g <**

77 °C

· **Hrcuj rqlpv <**

-4 °C

· **Hco o cdlkly *uqlyf. i cu <**

Not applicable.

· **Kpktp vgo rgtcwtg <**

315 °C

· **Fgeqo rquktqp vgo rgtcwtg <**

Not determined.

· **Cwq/li pktp vgo rgtcwtg <**

Product is not selfigniting.

· **Gzrqukxg rtqr gvku <**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Gzrqukqp ilo kv <**

· **Nqy gt <**

1 Vol %

· **Wrr gt <**

12 Vol %

· **Xcrqwt rtguwtg cv42 °C:**

97 hPa

· **Density at 20 °C:**

0.967 g/cm

· **Relative density**

Not determined.

· **Vapour density**

Not determined.

· **Evaporation rate**

Not determined.

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· Solubility in / Miscibility with · water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: · Dynamic: · Kinematic at 20 °C:	Not determined. 25 s (ISO 6 mm)
· Oxidising properties :	N.A.
· Solvent content: · VOC and Total VOC (organic solvents + reactive solvents if any)	64.73 %
· Water:	0.1 %
· VOC (EC)	626.0 g/l
· Solids content:	35.2 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Typical of the product as indicated in the data sheet
- **10.2 Chemical stability**
The product is stable in normal conditions of storage and use recommended
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Reacts with strong acids and oxidising agents.
Vapours may form explosive mixtures with air
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**

In case of possible formation of combustion:
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
1330-20-7 xylene		
Oral	LD50.	3,523 mg/kg (mouse)
Dermal	LD50.	12,126 mg/kg (rabbit)
Inhalative	LC50/4h.	27.571 mg/l (mouse)
141-78-6 ethyl acetate		
Oral	LD50	4,934 mg/kg (rabbit)
Dermal	LD50	20,001 mg/kg (rabbit)
Inhalative	LC50/4 h	1,600 mg/l (mouse)
	LC0	22.6 ppm (mouse)

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AUSTRALIAN DISTRIBUTOR - Superior Timber Coatings

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108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8,532 mg/kg (mouse)
Dermal	LD50	5,001 mg/kg (rabbit)
Inhalative	LC50/4 h	35.7 mg/l (mouse)

110-19-0 isobutyl acetate

Oral	LD50	13,400 mg/kg (mouse)
Dermal	LD50	17,401 mg/kg (rabbit)
Inhalative	LC50/4 h	31 mg/l (mouse)

100-41-4 ethylbenzene

Oral	LD50	3,500 mg/kg (mouse)
Dermal	LD50	15,486 mg/kg (rabbit)
Inhalative	LC50/4 h	17.2 mg/l (mouse)

108-88-3 toluene

Oral	LD50	5,000 mg/kg (mouse)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	25.7 mg/l (mouse)

71-36-3 butan-1-ol

Oral	LD50	790 mg/kg (mouse)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/l (mouse)

78-83-1 2-methylpropan-1-ol

Oral	LD50	2,460 mg/kg (mouse)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4h.	19.2 mg/l (mouse)

- **Primary irritant effect:**
 - **Skin corrosion/irritation**
Causes skin irritation.
 - **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity**
Suspected of damaging the unborn child.
- **STOT-single exposure**
May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure**
May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity** Harmful to aquatic life with long lasting effects.

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· <i>Aquatic toxicity:</i>	
1330-20-7 xylene	
EC50	2.2 mg/l (algae) (72h)
LC50 48h	1 mg/l (daphnia)
LC50 (96h)	2.6 mg/l (Fish)
141-78-6 ethyl acetate	
EC50	165 mg/l (daphnia) (48 h)
LC50 (96h)	230 mg/l (Fish)
108-65-6 2-methoxy-1-methylethyl acetate	
EC50	1,001 mg/l (algae) (72 h)
	501 mg/l (daphnia) (48 h)
LC50 (96h)	134 mg/l (Fish)
110-19-0 isobutyl acetate	
EC50	370 mg/l (algae) (72 h)
	25 mg/l (daphnia)
LC50 (96h)	17 mg/l (Fish)
100-41-4 ethylbenzene	
EC50	438 mg/l (algae) (72h)
	1.8 mg/l (daphnia) (48 h)
LC50 (96h)	12.1 mg/l (Fish)
108-88-3 toluene	
EC50	134 mg/l (algae) (96 h)
	3.78 mg/l (daphnia) (48 h)
LC50 (96h)	5.5 mg/l (Fish)
78-83-1 2-methylpropan-1-ol	
EC50	1,799 mg/l (algae) (72 h)
	1,100 mg/l (daphnia) (48 h)
LC50 (96h)	1,430 mg/l (Fish)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

GB

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SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

The code number of the product as is 080111

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number

· ADR, IMDG, IATA

UN1263

· 14.2 UN proper shipping name

· ADR, IMDG, IATA

PAINT

· 14.3 Transport hazard class(es)

· ADR, IMDG, IATA



· Class

3 Flammable liquids.

· Label

3

· 14.4 Packing group

· ADR, IMDG, IATA

II

· 14.5 Environmental hazards:

· Marine pollutant:

No

· 14.6 Special precautions for user

· Danger code (Kemler):

Warning: Flammable liquids.

33

· EMS Number:

F-E, S-E

· Stowage Category

B

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

Not applicable.

· Transport/Additional information:

· ADR

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category

2

· Tunnel restriction code

D/E

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· **IMDG**

- Limited quantities (LQ)
- Excepted quantities (EQ)

5L
 Code: E2
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation": UN 1263 PAINT, 3, II

SECTION 15: Regulatory information

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

Directive n. : 80/1107/CEE, n. 82/605/CEE, n. 83/477/CEE, n. 86/188/CEE e n. 88/642/CEE, 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2002/44,2003/10/CE, 2003/18/CE , 2004/40/CE,2006/25

DIRECTIVE 2012/18/EU

P5c Flammable

Limit 1: 5000 t

Limit 2: 50000 t

- *Various regulations* For uses not regulated by D. 2004/42/EC-For professional use only

- *Qualifying quantity (tonnes) for the application of lower-tier requirements* 5,000 t
- *Qualifying quantity (tonnes) for the application of upper-tier requirements* 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 48

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

H412 Harmful to aquatic life with long lasting effects.

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- **Department issuing SDS:** IVM Chemicals Srl

- **Contact:** Claudia Zanella

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids . Category 2

Flam. Liq. 3: Flammable liquids . Category 3

Acute Tox. 4: Acute toxicity . Category 4

Skin Irrit. 2: Skin corrosion/irritation . Category 2

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

STOT SE 3: Specific target organ toxicity (single exposure) . Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2

Asp. Tox. 1: Aspiration hazard . Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard . Category 3

- **Sources**

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

INRS Fiche Toxicologique

- *** Data compared to the previous version altered.**