

## Etching Promotor

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

#### 1.1 - Product identifier

Trade name/designation Etching Promotor  
Chemical name Etching Promotor  
Product-type Mixture  
UFI: KU70-60C7-100Y-1SCN

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

Relevant identified uses

- For professional use only
- Metal surface treatment products
- Non-metal surface treatment products

#### 1.3 - Details of the supplier of the safety data sheet

-Duthoo Coating Concepts  
Pluim 1  
8550 Zwevegem Belgium  
Telephone : 0032 56 360774 Fax 0032 56 694760  
Website [www.duthoo.eu](http://www.duthoo.eu)  
Lieven Vandeputte: 0032 56 360 774 [lieven@duthoo.eu](mailto:lieven@duthoo.eu)

#### 1.4 - Emergency telephone number

- Poison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30 Belgium

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Dam. 1	Serious eye damage, Category 1
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

#### 2.2 - Label elements

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

Signal word : Danger

Hazard pictograms



Hazard statements

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H318	Causes serious eye damage

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H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects
Precautionary statements	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof [ ventilating ]equipment.
P243	Take action to prevent static discharges.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER.
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 a POISON CENTER if you feel unwell.
P331	Do NOT induce vomiting.
EUH-phrases	: None

### 2.3 - Other hazards

PBT-substance. - This substance meets the PBT criteria of REACH, Annex XIII.

vPvB-substance. - This substance meets the vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
acetone, propan-2-one, propanone	CAS No. : 67-64-1 Index No. : 606-001-00-8 EC No. : 200-662-2 REACH No. : 01-2119471330-49	10 - 25	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
toluene	CAS No. : 108-88-3 Index No. : 601-021-00-3 EC No. : 203-625-9	0,3	Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Repr. 2 - H361 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H336) - H336	Not applicable
2-methylpropan-1-ol, iso-butanol	CAS No. : 78-83-1 Index No. : 603-108-00-1 EC No. : 201-148-0	10	Eye Dam. 1 - H318 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT SE 3 (H335) - H335 STOT SE 3 (H336) - H336	Not applicable

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Chemical name	No	%	Class(es)	Specific concentration limit
n-butyl acetate	CAS No. : 123-86-4 Index No. : 607-025-00-1 EC No. : 204-658-1 REACH No. : 01-2119485493-29	10 - 25	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
ethyl acetate	CAS No. : 141-78-6 Index No. : 607-022-00-5 EC No. : 205-500-4	25 - 50	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
n-hexane	CAS No. : 110-54-3 Index No. : 601-037-00-0 EC No. : 203-777-6	1	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Repr. 2 (H361f) - H361f Skin Irrit. 2 - H315 STOT RE 1 - H372 STOT SE 3 (H336) - H336	STOT RE 2 - H373 : 5<=%<=100
cyclohexane	CAS No. : 110-82-7 Index No. : 601-017-00-1 EC No. : 203-806-2	0,23	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 (H336) - H336	Not applicable
Naphtha (petroleum), hydrotreated lightLow boiling point hydrogen treated naphtha[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]	CAS No. : 64742-49-0 Index No. : 649-328-00-1 EC No. : 265-151-9	10 - 22	Asp. Tox. 1 - H304 Carc. 1B - H350 Muta. 1B - H340	Not applicable

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

Following skin contact - Wash immediately with: Water  
- When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.  
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.  
- Do NOT induce vomiting.

#### 4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - No information available.

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Symptoms and effects - After ingestion - No information available.

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

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### SECTION 5: Firefighting measures

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#### 5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO<sub>2</sub>)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

#### 5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- Hazardous combustion products
- Pressurised container: May burst if heated.
- Vapours can form explosive mixtures with air.

Hazardous decomposition products

- Carbon dioxide (CO<sub>2</sub>)
- Carbon monoxide
- Nitrogen oxides (NO<sub>x</sub>)

#### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

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### SECTION 6: Accidental release measures

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#### 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.
- Provide adequate ventilation.
- Remove all sources of ignition.

For emergency responders

- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
- Wear personal protection equipment (refer to section 8).

#### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.  
- Ensure waste is collected and contained.

#### 6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- Build a dam around the spill to prevent it from spreading to the surrounding area.
- Soak up inert absorbent and dispose as waste requiring special attention.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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- Wash with plenty of water.

Inappropriate techniques - No information available.

### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 - Precautions for safe handling

Recommendation

- Avoid:Eye contact
- Avoid:Skin contact
- Do not spray on naked flames or any incandescent material.
- Vapours can form explosive mixtures with air.
- Wash hands before breaks and after work.

Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Immediately remove any contaminated clothing, shoes or stockings.
- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.

### 7.2 - Conditions for safe storage, including any incompatibilities

- Ensure adequate ventilation of the storage area.
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Keep away from:Food and feedingstuffs
- Keep container tightly closed in a cool, well-ventilated place.
- Protect against:Heat

### 7.3 - Specific end use(s)

- Reserved for industrial and professional use.

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

<b>acetone, propan-2-one, propanone (67-64-1)</b>	
IOELV TWA mg/m <sup>3</sup> (UE)	1210 mg/m <sup>3</sup>
IOELV TWA ppm (UE)	500 ppm
<b>n-butyl acetate (123-86-4)</b>	
IOELV TWA mg/m <sup>3</sup> (UE)	241 mg/m <sup>3</sup>
IOELV TWA ppm (UE)	50 ppm
IOELV STEL mg/m <sup>3</sup> (UE)	723 mg/m <sup>3</sup>
IOELV STEL ppm (UE)	150 ppm
<b>ethyl acetate (141-78-6)</b>	
IOELV TWA mg/m <sup>3</sup> (UE)	734 mg/m <sup>3</sup>
IOELV TWA ppm (UE)	200 ppm
IOELV STEL mg/m <sup>3</sup> (UE)	1468 mg/m <sup>3</sup>
IOELV STEL ppm (UE)	400 ppm

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### cyclohexane (110-82-7)

IOELV TWA mg/m <sup>3</sup> (UE)	700 mg/m <sup>3</sup>
IOELV TWA ppm (UE)	200 ppm

### DNEL / PNEC

#### acetone, propan-2-one, propanone (67-64-1)

Type	Value	User	Effect
DNEL long-term oral (repeated)	62 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	2420 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	1210 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term inhalative	200 mg/m <sup>3</sup>	Consumers	Systemic
DNEL long-term dermal	186 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	62 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	10,6 mg/l		
PNEC aquatic, marine water	1,06 mg/l		
PNEC aquatic, intermittent release	21 mg/l		
PNEC sediment, freshwater	30,4 mg/kg		
PNEC sediment, marine water	3,04 mg/kg		
PNEC soil	29,5 mg/kg		
PNEC sewage treatment plant (STP)	100 mg/l		

#### 2-methylpropan-1-ol, iso-butanol (78-83-1)

Type	Value	User	Effect
DNEL long-term inhalative	310 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	55 mg/m <sup>3</sup>	Consumers	Local
PNEC aquatic, freshwater	0,4 mg/l		
PNEC aquatic, marine water	0,04 mg/l		
PNEC sediment, freshwater	1,56 mg/kg		
PNEC sediment, marine water	0,156 mg/kg		
PNEC sewage treatment plant (STP)	10 mg/l		

#### n-butyl acetate (123-86-4)

Type	Value	User	Effect
DNEL acute inhalative	960 mg/m <sup>3</sup>	Workers	Local
DNEL acute inhalative	960 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term inhalative	480 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	480 mg/m <sup>3</sup>	Workers	Systemic
DNEL acute dermal, short-term	11 mg/kg	Workers	Systemic
DNEL long-term dermal	7 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,18 mg/l		
PNEC aquatic, marine water	0,018 mg/l		
PNEC sediment, freshwater	0,981 mg/kg		
PNEC sediment, marine water	0,098 mg/kg		
PNEC soil	0,09 mg/kg		
PNEC sewage treatment plant (STP)	35,6 mg/l		

#### ethyl acetate (141-78-6)

Type	Value	User	Effect
DNEL acute inhalative	1468 mg/m <sup>3</sup>	Workers	Local
DNEL acute inhalative	1468 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term inhalative	734 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	734 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term dermal	63 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,24 mg/l		
PNEC aquatic, marine water	0,024 mg/l		
PNEC sediment, freshwater	1,15 mg/kg		

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PNEC sediment, marine water	0,115 mg/kg		
PNEC soil	0,148 mg/kg		
PNEC sewage treatment plant (STP)	650 mg/l		

### 8.2 - Exposure controls

Appropriate engineering controls

- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

- Eye protection



- Protective gloves



- Suitable protective clothing: Full protection suit



- Suitable protective clothing: lab coat



- Suitable respiratory protection apparatus: Respiratory protection helmet/hood



## SECTION 9: Physical and chemical properties

### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Crystalline
<u>Colour</u>	colourless	<u>Odour</u>	Sharp
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		-18 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		0,8 % Vol.	
Upper explosion limit		12,8 % Vol.	
Vapour pressure		9,8 kPa	
Vapour density		No data available	

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Relative density	No data available
Density	No data available
Solubility (Water)	oplosbaar in koud water
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	280 °C
Decomposition temperature	No data available
Kinematic viscosity	< 20,5 mm <sup>2</sup> /s
Dynamic viscosity	No data available

### Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

### 9.2 - Other information

VOC content	100 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.  
- Always close containers tightly after the removal of product.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- In case of warming: Ignition hazard  
- In case of warming: Danger of bursting container.  
- Thermal decomposition

### 10.5 - Incompatible materials

- No information available.

### 10.6 - Hazardous decomposition products

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- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides (NOx)
- Thermal decomposition can lead to the escape of irritating gases and vapours.

### SECTION 11: Toxicological information

#### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation gas (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Toxicity : Substances

**acetone, propan-2-one, propanone (67-64-1)**

LD50 oral (rat)	5800 mg/kg
LD50 dermal (rabbit)	> 15800 mg/kg
LC50 inhalation dusts and mists (rat)	76 mg/l

**n-butyl acetate (123-86-4)**

LD50 oral (rat)	10768 mg/kg
LD50 dermal (rat)	> 17600 mg/kg
LC50 inhalation vapours (rat)	21,1 mg/l

**ethyl acetate (141-78-6)**

LD50 oral (rat)	5620 mg/kg
LD50 dermal (rabbit)	20001 mg/kg
LC50 inhalation vapours (rat)	22,6 mg/l

**cyclohexane (110-82-7)**

LD50 oral (rat)	> 5000 mg/kg
LD50 dermal (rat)	> 2000 mg/kg

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Serious eye damage, Category 1 - Causes serious eye damage

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

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<u>STOT-single exposure</u>	- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- Aspiration hazard - Category 1 - May be fatal if swallowed and enters airways

### 11.2 - Information on other hazards

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

#### Toxicity : Substances

<b>acetone, propan-2-one, propanone (67-64-1)</b>	
LC50 96 hr fish	8300 mg/l
ErC50 algae	7200 mg/l
NOEC chronic algae	430 mg/l
<b>2-methylpropan-1-ol, iso-butanol (78-83-1)</b>	
EC50 48 hr crustacea	1300 mg/l
LC50 96 hr fish	1120 mg/l < V < 1520 mg/l
<b>n-butyl acetate (123-86-4)</b>	
EC50 48 hr crustacea	44 mg/l
LC50 96 hr fish	18 mg/l
ErC50 algae	397 mg/l
NOEC chronic crustacea	23,2 mg/l
<b>ethyl acetate (141-78-6)</b>	
EC50 48 hr crustacea	750 mg/l
LC50 96 hr fish	212,5 mg/l
ErC50 algae	2500 mg/l
NOEC chronic fish	75,6 mg/l
<b>cyclohexane (110-82-7)</b>	
EC50 48 hr crustacea	0,9 mg/l
LC50 96 hr fish	3,96 mg/l < V < 5,18 mg/l
ErC50 algae	500 mg/l

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

### 12.2 - Persistence and degradability

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Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance meets the PBT criteria of REACH, Annex XIII.

- This substance meets the vPvB criteria of REACH, Annex XIII.

### 12.6 - Endocrine disrupting properties

### 12.7 - Other adverse effects

- No information available.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - Do not allow to enter into surface water or drains.

Special precautions for waste treatment - Collect the waste separately.

Community or national or regional provisions - No information available.

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## SECTION 14: Transport information

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### 14.1 - UN number or ID number

UN number (ADR) : UN1263  
UN number (RID) : UN1263  
UN number (ADN) : UN1263  
UN number (IMDG) : UN1263  
UN number (IATA) : UN1263

### 14.2 - UN proper shipping name

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UN proper shipping name (ADR) : PAINT or PAINT RELATED MATERIAL  
UN proper shipping name (RID) : PAINT or PAINT RELATED MATERIAL  
UN proper shipping name (ADN) : PAINT or PAINT RELATED MATERIAL  
UN proper shipping name (IMDG) : PAINT RELATED MATERIAL  
UN proper shipping name (IATA) : PAINT

### 14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 3  
ADR Classification code: : F1  
Pictograms



Transport hazard class(es) (RID) : 3  
Pictograms



Transport hazard class(es) (ADN) : 3  
Pictograms



Transport hazard class(es) (IMDG) : 3  
Pictograms



Transport hazard class(es) (IATA) : 3  
Pictograms



### 14.4 - Packing group

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<u>Packing group</u>	:	II
<u>Packing group (RID)</u>	:	II
<u>Packing group (ADN)</u>	:	II
<u>Packing group (IMDG)</u>	:	II
<u>Packing group (IATA)</u>	:	II

### 14.5 - Environmental hazards

<u>Environmental hazards</u>	:	No
<u>Marine pollutant</u>	:	No

### 14.6 - Special precautions for user

#### **ADR**

<u>ADR Classification code:</u>	:	F1
<u>ADR Special provisions</u>	:	163+367+640D+650
<u>ADR Limited quantity (LQ)</u>	:	5L
<u>ADR Excepted quantities</u>	:	E2
<u>ADR Packing instructions</u>	:	P001 IBC02 R001
<u>ADR Special packing provisions</u>	:	PP1
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1 TP8 TP28
<u>ADR tank code</u>	:	LGBF
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	FL
<u>ADR Transport category</u>	:	2
<u>ADR Tunnel restriction code</u>	:	D/E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2 S20
<u>ADR Hazard identification number (Kemler No.)</u>	:	33

#### **RID**

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

#### **ADN**

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

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### IMDG

<u>Special provisions</u>	:	163 367
<u>Limited quantity (LQ)</u>	:	5 L
<u>Excepted quantities</u>	:	E2
<u>Packing instructions</u>	:	P001
<u>Special packing provisions</u>	:	PP1
<u>IBC instruction(s)</u>	:	IBC02
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1 TP8 TP28
<u>EmS codes</u>	:	F-E, S-E
<u>Stowage and handling</u>	:	Category B
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	Miscibility with water depends upon the composition.

### IATA

<u>PCA - Excepted quantities</u>	:	E2
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y341
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	1L
<u>PCA - Packing Instructions</u>	:	353
<u>PCA - Maximum Net Quantity per Package</u>	:	5L
<u>CAO - Packing Instructions</u>	:	364
<u>CAO - Maximum Net Quantity per Package</u>	:	60L
<u>Special Provisions</u>	:	A3 A72 A192
<u>ERG Code</u>	:	3L

14.7 - Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	toluene (Index No.: 601-021-00-3 - EC No.: 203-625-9 - CAS No.: 108-88-3) cyclohexane (Index No.: 601-017-00-1 - EC No.: 203-806-2 - CAS No.: 110-82-7)
<u>VOC content</u>	100 %

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	19/12/2025		

## Etching Promotor

### Texts of the regulatory sentences

Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard - Category 1
Carc. 1B	Carcinogenicity - Category 1B
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness
H340	May cause genetic defects .
H350	May cause cancer .
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure .
H373	May cause damage to organs through prolonged or repeated exposure .
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects
Muta. 1B	Germ cell mutagenicity - Category 1B
Repr. 2	Reproductive toxicity - Category 2
Repr. 2 (H361f)	Reproductive toxicity - Category 2 (H361f)
Skin Irrit. 2	Irritation, Category 2
STOT RE 1	STOT-repeated exposure - Category 1
STOT RE 2	STOT-repeated exposure - Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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