

## CLEAR BOND ADHESION PROMOTER UNIVERSAL CLEAR

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

#### 1.1 - Product identifier

Trade name/designation CLEAR BOND ADHESION PROMOTER UNIVERSAL CLEAR

Chemical name

Product-type Mixture

Product code 3670

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

Relevant identified uses

- Industrial uses
- For professional use only

Uses advised against

- Not suitable for home work (DIY).

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

MIX PLAST SARL

ZA de l'avenir - Le devois

30600 Vestric et Candiac France

Telephone : +33 466 711 447 Fax +33 466 711 643

Website [www.mix.fr](http://www.mix.fr)

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#### 1.4 - Emergency telephone number

### SECTION 2: Hazards identification

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

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

Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Skin Irrit. 2	Irritation, Category 2
Eye Irrit. 2	Eye irritation - Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)
Repr. 2 (H361d)	Reproductive toxicity - Category 2 (H361d)
STOT RE 2	STOT-repeated exposure - Category 2

#### 2.2 - Label elements

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

Contains: Toluene (CAS No.: 108-88-3)||Xylene (CAS No.: 1330-20-7)

Signal word : Danger

Hazard pictograms



Hazard statements

H225	Highly flammable liquid and vapour
H315	Causes skin irritation



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H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H361d	Suspected of damaging the unborn child
H373	May cause damage to organs lung, kidneys, liver, skin through prolonged or repeated exposure .

### Precautionary statements

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust, fume, gas, mist, vapours, spray.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P370+P378	In case of fire: Use Carbon dioxide (CO <sub>2</sub> ), dry powder, alcohol-resistant foam for extinction.

### EUH-phrases

EUH208	Contains p-tert-butylphenyl glycidyl ether (3101-60-8) . May produce an allergic reaction
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### 2.3 - Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
Toluene	CAS No. : 108-88-3 Index No. : 601-021-00-3 EC No. : 203-625-9	49 - 70	Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Repr. 2 (H361d) - H361d Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H336) - H336	Not applicable
Xylene	CAS No. : 1330-20-7 Index No. : 601-022-00-9 EC No. : 215-535-7	20 - 30	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Asp. Tox. 1 - H304 Eye Irrit. 2 - H319 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H335) - H335	Not applicable
n-butyl acetate	CAS No. : 123-86-4 Index No. : 607-025-00-1 EC No. : 204-658-1	5 - 11	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
4-methylpentan-2-one, isobutyl methyl ketone	CAS No. : 108-10-1 Index No. : 606-004-00-4 EC No. : 203-550-1	0 - 6	Acute Tox. 4 Inhalation - H332 Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H335) - H335	Not applicable



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Chemical name	No	%	Class	Spec. concentrations
p-tert-butylphenyl glycidyl ether	CAS No. : 3101-60-8 Index No. : EC No. : 221-453-2 REACH No. : 01-2119959496-20	0,1 - 0,11	Aquatic Chronic 2 - H411 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Not applicable
trichloromethane, chloroform	CAS No. : 67-66-3 Index No. : 602-006-00-4 EC No. : 200-663-8	0,02 - 0,03	Acute Tox. 3 Inhalation - H331 Acute Tox. 4 Oral - H302 Carc. 2 - H351 Eye Irrit. 2 - H319 Repr. 2 (H361d) - H361d Skin Irrit. 2 - H315 STOT RE 1 - H372	Not applicable

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

##### Following inhalation

- Provide fresh air.
- If breathing is irregular or stopped, administer artificial respiration.
- Call a physician immediately.

##### Following skin contact

- Take off immediately all contaminated clothing and wash it before reuse.
- Wash immediately with:Water
- Call a physician in any case!

##### After eye contact

- Rinse immediately carefully and thoroughly with eye-bath or water.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- In case of eye irritation consult an ophthalmologist.

##### After ingestion

- Do NOT induce vomiting.
- Call a physician immediately.
- Unless expressly authorized by the doctor, do not administer anything.

#### 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

- Causes skin irritation.

##### Symptoms and effects - After eye contact

- No information available.

##### Symptoms and effects - After ingestion

- No information available.

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

- No information available.

### SECTION 5: Firefighting measures

#### 5.1 - Extinguishing media

##### Suitable extinguishing media

- Carbon dioxide (CO2)
- Foam

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- 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

- Explosion risk in case of fire.

- In case of fire and/or explosion do not breathe fumes.

#### Hazardous decomposition products

- No information available.

### 5.3 - Advice for firefighters

- Use water spray jet to protect personnel and to cool endangered containers.
- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Ensure all waste water is collected and treated via a waste water treatment plant.
- Special protective equipment for firefighters
- Container device with compressed air (DIN EN 137)
- flame arrestor combination (EN469)
- flameproof gloves (EN 659)
- firefighter boots (HO A29 or A30)

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

- Remove persons to safety.
- Remove all sources of ignition.
- Keep away from heat.
- Provide adequate ventilation.
- Stop leak if safe to do so.
- Wear personal protection equipment (refer to section 8).

#### For emergency responders

- Remove persons to safety.
- Remove all sources of ignition.
- Keep away from heat.
- Provide adequate ventilation.
- Stop leak if safe to do so.
- Wear personal protection equipment (refer to section 8).

### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Do not allow to enter into soil/subsoil.

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

#### Methods and material for containment

- Use appropriate container to avoid environmental contamination.
- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.
- SECTION 10: Stability and reactivity

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	- Soak up inert absorbent and dispose as waste requiring special attention.
<u>Methods and material for cleaning up</u>	<ul style="list-style-type: none"> <li>- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).</li> <li>- Ventilate affected area.</li> <li>- Wash with plenty of water.</li> <li>- SECTION 13: Disposal considerations</li> </ul>
<u>Inappropriate techniques</u>	- No information available.
<b>6.4 - Reference to other sections</b>	

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

### SECTION 7: Handling and storage

#### 7.1 - Precautions for safe handling

<u>Recommendation</u>	<ul style="list-style-type: none"> <li>- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.</li> <li>- When using do not smoke.</li> <li>- Vapours are heavier than air, spread along floors and form explosive mixtures with air.</li> <li>- Provide fresh air.</li> <li>- Use only in well-ventilated areas.</li> <li>- Take precautionary measures against static discharges.</li> <li>- Provide earthing of containers, equipment, pumps and ventilation facilities.</li> <li>- Wear anti-static footwear and clothing</li> <li>- This material can accumulate static charge by flow or agitation and can be ignited by static discharge.</li> <li>- Do not use compressed air during handling.</li> <li>- Handle and open container with care.</li> <li>- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.</li> </ul>
<u>Advices on general occupational hygiene</u>	<ul style="list-style-type: none"> <li>- When using do not eat, drink, smoke, sniff.</li> <li>- Discharge into the environment must be avoided.</li> </ul>

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

- Keep/Store only in original container.
- Keep container tightly closed in a cool, well-ventilated place.
- Keep away from heat.
- Protect from sunlight.
- Remove all sources of ignition.
- Storage class Flammable liquids
- Do not store together with: Combustible substance
- Keep away from clothing as well as other incompatible materials.
- SECTION 10: Stability and reactivity

#### 7.3 - Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

#### 8.2 - Exposure controls

##### Appropriate engineering controls

- No information available.

##### Individual protection measures, such as personal protective equipment

- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.  
- Barrier creams are not substitutes for body protection.  
- Use only respiratory protection equipment with CE-symbol including four digit test number.  
- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.



- DIN EN 374  
- Suitable material: PVA (Polyvinyl alcohol)  
- Suitable protective clothing: Full protection suit



- Suitable protective clothing: Chemical resistant safety shoes



- Directive 89/686/CEE & EN ISO 20344  
- Gently wash with plenty of soap and water.  
- Required properties: antistatic  
- Suitable eye protection: Dust protection eye glasses



- DIN EN 166  
- Respiratory protection



- Combination filtering device (EN 14387)  
- Suitable respiratory protection apparatus: AX

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- Odour threshold:
- Container device with compressed air (DIN EN 137)
- Suitable respiratory protection apparatus: Fresh-air tube device (DIN EN 138)

### SECTION 9: Physical and chemical properties

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

Physical state	Liquid	Appearance	Liquid
Colour	Yellowish	Odour	Typical solvent
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		> 35 °C	
Flash point		< 23 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		11 % Vol. 15°C	
Upper explosion limit		71 % Vol. 15°C	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		0,873 20°C	
Density		No data available	
Solubility (Water)		not soluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		> 20,5 mm <sup>2</sup> /s (40°C)	
Dynamic viscosity		No data available	

#### 9.2 - Other information

VOC content	83,32 % 726.60 g/L
Minimum ignition energy	No data available
Conductivity	No data available

### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

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- This material is considered to be non-reactive under normal use conditions.
- METHYL ISOBUTYL KETONE: Reacts violently with light metals, aluminum type; corrodes various types of plastics.
- TOLUENE: Degrades under the effect of sunlight.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- In use may form flammable/explosive vapour-air mixture.
- N-BUTYL ACETATE: Vapors may form explosive mixtures with air.
- METHYL ISOBUTYL KETONE : May react violently with oxidizing agents. In the presence of air forms explosive mixtures with hot air.
- TOLUENE: risk of explosion by contact with: fuming sulfuric acid, nitric acid, silver perchlorates, nitrogen oxides, nonmetallic aluminides, acetic acid, organic nitrocomponents. May form explosive mixtures on contact with air. Fear react dangerously with strong oxidizing agents, strong acids, sulfur (in the presence of heat).

### 10.4 - Conditions to avoid

- In case of warming: Ignition hazard
- Take precautionary measures against static discharges.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- N-BUTYLACETAT : Heat, sparks and open flames. Avoid the accumulation of electrostatic charges.
- METHYL ISOBUTYL KETONE : avoid exposure to heat sources.

### 10.5 - Incompatible materials

- N-BUTYL ACETATE : water, nitrates, strongly oxidizing substances, acids and alkalis and potassium t-butoxide.
- METHYL ISOBUTYL KETONE : oxidizing substances, reducing substances.

### 10.6 - Hazardous decomposition products

- Thermal decomposition can lead to the escape of irritating gases and vapours.
- N-BUTYL ACETATE : Thermal decomposition or fire can release potentially dangerous gases and vapors.
- METHYL ISOBUTYL KETONE : peroxides.
- N-BUTYL ACETATE : the vapors are particularly irritating for the eyes and the respiratory tract and at high concentration they are also narcotics. Frequent contact with the skin can lead to dermatitis (INRS, n 31, 1987).

## SECTION 11: Toxicological information

### 11.1 - Information on toxicological effects

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 (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.



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### Toxicity : Substances

<b>Toluene (108-88-3)</b>	
LD50 oral (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 5000 mg/kg
LC50 inhalation (rat)	28.1 mg/l/4h
<b>Xylene (1330-20-7)</b>	
LD50 oral (rat)	> 3500 mg/kg
LD50 dermal (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 4200 mg/kg
LC50 inhalation (rat)	6.700 ppm (4h)
<b>n-butyl acetate (123-86-4)</b>	
LD50 oral (rat)	> 12000 mg/kg
LD50 dermal (rabbit)	> 14000 mg/kg
LC50 inhalation (rat)	0.74 mg/l/4h
<b>4-methylpentan-2-one, isobutyl methyl ketone (108-10-1)</b>	
LD50 oral (rat)	2080 mg/kg
LC50 inhalation (rat)	11.6 mg/l/4h

<u>Skin corrosion/irritation</u>	- Irritation, Category 2 - Causes skin irritation - Irritating to skin.
<u>Serious eye damage/eye irritation</u>	- Eye irritation - Category 2 - Causes serious eye irritation
<u>Respiratory or skin sensitisation</u>	- Not classified
<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
<u>Reproductive toxicity</u>	- Reproductive toxicity - Category 2 (H361d) - Suspected of damaging the unborn child
<u>STOT-single exposure</u>	- STOT-single exposure - Category 3 (H335) - May cause respiratory irritation - STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness
<u>STOT-repeated exposure</u>	- STOT-repeated exposure - Category 2 - May cause damage to organs lung, kidneys, liver, skin through prolonged or repeated exposure .
<u>Aspiration hazard</u>	- Not classified

## 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

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NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

### Toxicity : Substances

<b>Toluene (108-88-3)</b>	
EC50 48 hr crustacea	3,78 mg/l
LC50 96 hr fish	5,5 mg/l
NOEC chronic fish	1,39 mg/l
NOEC chronic crustacea	0,74 mg/l
<b>Xylene (1330-20-7)</b>	
LC50 96 hr fish	2,6 mg/l
ErC50 algae	1,9 mg/l
ErC50 other aquatic plants	1,9 mg/l
NOEC chronic fish	> 1,3 mg/l
NOEC chronic crustacea	1,17 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 72h
ErC50 other aquatic plants	397 mg/l 72h
NOEC chronic crustacea	23,2 mg/l
NOEC chronic algae	196 mg/l
NOEC chronic other aquatic plants	196 mg/l
<b>4-methylpentan-2-one, isobutyl methyl ketone (108-10-1)</b>	
EC50 48 hr crustacea	> 200 mg/l
LC50 96 hr fish	> 179 mg/l
NOEC chronic fish	179 mg/l
NOEC chronic crustacea	78 mg/l
NOEC chronic algae	725 mg/l
NOEC chronic other aquatic plants	725 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

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.



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### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

### 12.6 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

#### Waste treatment methods

- Dispose of waste according to applicable legislation.

#### Sewage disposal

- Do not allow run-off from fire-fighting to enter drains or water courses.

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

#### Special precautions for waste treatment

- It is advisable to send all information relating to the safety of the material contained in the empty packaging. DO NOT discharge into sewers, streams, ponds, canals or ditches. DO NOT pressurize, DO NOT cut, DO NOT weld, DO NOT pierce, DO NOT crush, DO NOT expose empty containers to heat, flame, sparks, electrostatic discharge or other sources of ignition.

#### Community or national or regional provisions

- Dispose according to legislation.

- Observe in addition any national regulations!

- Land transport (ADR/RID)

## SECTION 14: Transport information

### 14.1 - UN number

UN number (ADR) : UN1263

UN number (RID) : UN1263

UN number (IMDG) : UN1263

UN number (IATA) : UN1263

### 14.2 - UN proper shipping name

## CLEAR BOND ADHESION PROMOTER UNIVERSAL CLEAR

<u>UN proper shipping name (ADR)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa) 640D
<u>UN proper shipping name (RID)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa) 640D
<u>UN proper shipping name (IMDG)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa) 640D
<u>UN proper shipping name (IATA)</u>	:	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa) 640D

### 14.3 - Transport hazard class(es)

<u>ADR Transport hazard class(es)</u>	:	3
<u>ADR Classification code:</u>	:	F1
<u>Pictograms</u>		



<u>Transport hazard class(es) (RID)</u>	:	3
<u>Pictograms</u>		



<u>Transport hazard class(es) (IMDG)</u>	:	3
<u>Pictograms</u>		



<u>Transport hazard class(es) (IATA)</u>	:	3
<u>Pictograms</u>		



### 14.4 - Packing group

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



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### 14.5 - Environmental hazards

Environmental hazards	:	No
Marine pollutant	:	No

### 14.6 - Special precautions for user

#### ADR

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

#### RID

Special provisions	:	
Limited quantity (LQ)	:	5 L
Excepted quantities	:	

#### IMDG

Special provisions	:	
Limited quantity (LQ)	:	5 L
Excepted quantities	:	
Packing instructions	:	
Special packing provisions	:	
IBC instruction(s)	:	
IBC provisions	:	
Instructions for portable tanks and bulk containers	:	
Special provisions for portable tanks and bulk containers	:	
EmS codes	:	F-E, S-E
Stowage and handling	:	
Segregation	:	
Properties and observations	:	



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### IATA

PCA - Excepted quantities	:	
PCA - Limited Quantity - Packing Instructions	:	
PCA - Limited Quantity - Maximum Net Quantity per Package	:	
PCA - Packing Instructions	:	353
PCA - Maximum Net Quantity per Package	:	5 L
CAO - Packing Instructions	:	364
CAO - Maximum Net Quantity per Package	:	60 L
Special Provisions	:	A3, A72, A192
ERG Code	:	

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

### SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	Toluene (Index No.: 601-021-00-3 - EC No.: 203-625-9 - CAS No.: 108-88-3) trichloromethane, chloroform (Index No.: 602-006-00-4 - EC No.: 200-663-8 - CAS No.: 67-66-3)
VOC content	83,32 %

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	Description of the amendments
8	23/07/2019	ITEM 9.2 AND 15: VOC change
7	03/04/2019	SECTION : 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 15 - 16
6	27/09/2017	
5	29/08/2016	
4	29/08/2016	
3	02/02/2015	
2	16/09/2013	
1	26/03/2013	

#### Texts of the regulatory sentences

Acute Tox. 3 Inhalation	Acute toxicity (inhalative) - Category 3
Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4



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Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Asp. Tox. 1	Aspiration hazard - Category 1
Carc. 2	Carcinogenicity - Category 2
Eye Irrit. 2	Eye irritation - Category 2
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
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H361d	Suspected of damaging the unborn child
H372	Causes damage to organs or state all organs affected, if known through prolonged or repeated exposure - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H373	May cause damage to organs lung, kidneys, liver, skin through prolonged or repeated exposure .
H411	Toxic to aquatic life with long lasting effects
Repr. 2 (H361d)	Reproductive toxicity - Category 2 (H361d)
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
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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