

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** TEGO® Dispers 705

**Chemical name:** Solution of an ammoniumsalt of higher molecular polycarbonic acid in organic solvent

### Other means of identification

**Recommended use:** Industrial use

**Recommended restrictions:** None known.

### Manufacturer/Importer/Distributor Information

Company Name : Evonik Australia Pty Ltd  
Suites 33&37  
1 Ricketts Road  
Mt Waverley, VIC 3149  
Australia

Telephone : +61 3 8581 8400

Fax : +61 3 9544 5002

E-mail : productsafety-cs@evonik.com

### Emergency telephone number:

24-Hour Health : +61 2 9037 2994

Emergency : +1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

### Classification according to GHS

#### Physical Hazards

Flammable liquids Category 3

#### Health Hazards

Acute toxicity (Oral) Category 5

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 1

Specific Target Organ Toxicity -  
Single Exposure Category 3  
(Respiratory tract  
irritation.)

Specific Target Organ Toxicity -  
Repeated Exposure Category 2

### Environmental Hazards

Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 3

### Label Elements

#### Hazard Symbol:



**Signal Word:** Danger

**Hazard Statement:** Flammable liquid and vapor.  
May be harmful if swallowed.  
Causes skin irritation.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause damage to organs through prolonged or repeated exposure.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

### Precautionary Statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** Call a POISON CENTER or doctor/ physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label). IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. IF exposed or concerned: Get medical advice/attention.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:** Dispose of contents/ container to an approved facility in accordance with

local, regional, national and international regulations.

**Other hazards:** None known.

### 3. Composition/information on ingredients

**Chemical name:**

Solution of an ammoniumsalt of higher molecular polycarbonic acid in organic solvent

**Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
xylene, mixture of isomers	No data available.	1330-20-7	10 - <30%
isobutanol	No data available.	78-83-1	10 - <30%
ethylbenzene	No data available.	100-41-4	10 - <30%
Maleic acid	No data available.	110-16-7	<0.2%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

**Description of necessary first-aid measures**

<b>General information:</b>	Remove soiled or soaked clothing immediately
<b>Inhalation:</b>	If inhaled remove from side of exposure to fresh air, seek medical advice.
<b>Skin Contact:</b>	In case of contact with skin wash off immediately with soap and water. If skin irritation persists, call a physician.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
<b>Ingestion:</b>	Thoroughly clean the mouth with water. In case of discomfort: Supply with medical care.
<b>Personal Protection for First-aid Responders:</b>	No data available.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** Risk of serious damage to eyes. Skin irritation Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** High volume water jet.

**Special hazards arising from the substance or mixture:** In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Keep away from sources of ignition. Take action to prevent static discharges. Vapours may form explosive mixtures with air. Cool endangered containers by water spray

**Special protective equipment for fire-fighters:** Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep away sources of ignition. Ensure adequate ventilation.

**Accidental release measures:** No data available.

**Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**Environmental Precautions:** Prevent product from getting into subsoil/soil. Do not allow to enter drains or waterways

## 7. Handling and storage

**Handling**

**Technical measures (e.g. Local and general ventilation):** No data available.

**Safe handling advice:** Provide good ventilation of working area (local exhaust

ventilation if necessary). Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols.

**Contact avoidance measures:** No data available.

### Storage

**Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Keep away from heat. Do not store with acids or alkalis. Do not store together with oxidizing agents. Do not use plastic containers.

**Safe packaging materials:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Observe national threshold limit values.

#### Biological Limit Values

Observe national threshold limit values.

**Appropriate Engineering Controls** No data available.

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

**General information:** No data available.

**Eye/face protection:** Tightly fitting safety goggles

### Skin Protection

**Hand Protection:** Material: Nitrile rubber.  
Break-through time: 30 min  
Glove thickness: 0.4 mm

**Other:** protective clothing

**Respiratory Protection:** in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

**Physical state:** liquid  
**Form:** liquid  
**Color:** Light brown

<b>Odor:</b>	of xylene
<b>Odor Threshold:</b>	not measured
<b>Freezing point:</b>	not measured
<b>Boiling Point:</b>	not measured
<b>Flammability:</b>	not measured
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	not measured
<b>Explosive limit - lower:</b>	not measured
<b>Flash Point:</b>	77 °F/25 °C (DIN 53213)
<b>Autoignition Temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	Not applicable
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	100 mPa.s (68 °F/20 °C)
<b>Kinematic viscosity:</b>	108 mm <sup>2</sup> /s (68 °F/20 °C, calculated)
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Vapor pressure:</b>	not measured
<b>Relative density:</b>	not measured
<b>Density:</b>	0.93 g/cm <sup>3</sup> (68 °F/20 °C) (DIN 51757)
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	not measured
<b>Other information</b>	
<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not oxidizing
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	Not corrosive to metals
<b>Evaporation Rate:</b>	not measured

<b>10. Stability and reactivity</b>
-------------------------------------

<b>Reactivity:</b>	see section "Possibility of hazardous reactions".
<b>Chemical Stability:</b>	The product is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No hazardous reactions with proper storage and handling
<b>Conditions to avoid:</b>	Open flames, sparks or input of much heat
<b>Incompatible Materials:</b>	Oxidizing agents. Acids. Alkalies.

**Hazardous Decomposition Products:**

None with proper storage and handling.

## 11. Toxicological information

### Information on toxicological effects

#### Information on likely routes of exposure

<b>Inhalation:</b>	Information on effects are given below.
<b>Skin Contact:</b>	Information on effects are given below.
<b>Eye contact:</b>	Information on effects are given below.
<b>Ingestion:</b>	Information on effects are given below.

#### Acute toxicity (list all possible routes of exposure)

##### Oral

<b>Product:</b>	LD 50 (ATEmix): 2,513 mg/kg
<b>Components:</b>	
xylene, mixture of isomers	LD 50 (Rat): 3,523 mg/kg LD 50 (Rat): > 4,000 mg/kg
isobutanol	LD 50 (Rat): > 2,830 mg/kg Literature LD 50 (Rat): 3,350 mg/kg Literature
ethylbenzene	LD 50 (Rat): 3,500 mg/kg
Maleic acid	LD 50 (Rat): 1,180 mg/kg Own study LD 50 (Rat): 1,030 mg/kg Literature

##### Dermal

<b>Product:</b>	LD 50 (ATEmix): > 5,000 mg/kg
<b>Components:</b>	
xylene, mixture of isomers	LD 50 (Rabbit): > 4,200 mg/kg
isobutanol	LD 50 (Rabbit): 2,460 mg/kg Literature LD 50 (Rabbit): > 2,000 mg/kg Literature
ethylbenzene	LD 50 (Rabbit): 15,400 mg/kg
Maleic acid	LD 50 (Rabbit): 1,560 mg/kg Literature

##### Inhalation

<b>Product:</b>	LC 50 (ATEmix, 4 h): > 40 mg/l Vapour
<b>Components:</b>	
xylene, mixture of isomers	LC 50 (Rat, 4 h): 27.5 mg/l Vapour No data available., Dust and mist
isobutanol	No classification, Vapour No data available., Dust and mist
ethylbenzene	LC 50 (Rat, 4 h): 17.6 mg/l Vapour Dust and mist, No data available.

Maleic acid Vapour, No data available. Dust and mist, No data available.

#### Repeated dose toxicity

**Product:** No data available.  
**Components:**  
 xylene, mixture of isomers No data available.  
 isobutanol No data available.  
 ethylbenzene No data available.  
 Maleic acid No data available.

#### Skin Corrosion/Irritation

**Product:** No data available.  
**Components:**  
 xylene, mixture of isomers (Rabbit): Irritating.  
 isobutanol Irritating.  
 ethylbenzene (Rabbit): Not irritating  
 Maleic acid OECD 404 (Rabbit): Irritating. , 4 h  
 OECD 435 (Reconstituted skin membranes): Irritating.

#### Serious Eye Damage/Eye Irritation

**Product:** No data available.  
**Components:**  
 xylene, mixture of isomers (Rabbit): Irritating.  
 isobutanol OECD 405 (Rabbit): Risk of serious damage to eyes. , 24 h  
 ethylbenzene (Rabbit): Not irritating  
 Maleic acid OECD 405 (Rabbit): Risk of serious damage to eyes. , 24 h

#### Respiratory or Skin Sensitization

**Product:** Not a skin sensitizer.  
 Magnussona i Kligmana., OECD 406 (Guinea Pig): Not a skin sensitizer. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
**Components:**  
 xylene, mixture of isomers Local Lymph Node Assay (LLNA), OECD 429 (Mouse): Not a skin sensitizer.  
 isobutanol Sensitization test, QSAR: Not a skin sensitizer.  
 ethylbenzene Not a skin sensitizer. Literature  
 Maleic acid Local Lymph Node Assay (LLNA), OECD 429 (Mouse): May cause sensitization by skin contact. Literature  
 Maximization Test, OECD 406 (Guinea Pig): May cause sensitization by skin contact.

#### Carcinogenicity

**Product:** No data available.  
**Components:**  
 xylene, mixture of isomers No data available.  
 isobutanol No data available.  
 ethylbenzene No data available.



Maleic acid No data available.

### Germ Cell Mutagenicity

No data available.

#### In vitro

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	Chromosomal aberration: negative
isobutanol	sister chromatid exchange assay: negative
ethylbenzene	No data available.
	gene mutation test (OECD 476): negative
	Chromosomal aberration (OECD 473): negative
Maleic acid	Ames test: negative Own study

#### In vivo

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	dominant lethal test (OECD 478) Dermal (Mouse, Male): negative
isobutanol	dominant lethal test (OECD 478) Intraperitoneal (Mouse, Male): negative
ethylbenzene	No data available.
	Micronucleus test (OECD 474) Oral (Mouse, Male): negative
	unscheduled DNA synthesis assay (OECD 486) Inhalation - vapor (Mouse, Female, Male): negative
Maleic acid	Chromosomal aberration (OECD 475) Inhalation - dust and mist (Rat, Female, Male): negative Literature

### Reproductive toxicity

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

### Specific Target Organ Toxicity - Single Exposure

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	Inhalation - vapor: Respiratory system - Category 3 with respiratory tract irritation.
isobutanol	Inhalation - vapor: Respiratory system - Category 3 with respiratory tract irritation.
	Inhalation - vapor: Central nervous system. - Category 3 with narcotic effects.
ethylbenzene	No data available.
Maleic acid	Inhalation - vapor: Respiratory system - Category 3 with respiratory tract irritation.

### Specific Target Organ Toxicity - Repeated Exposure

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	Oral Inhalation - vapor: Liver - Category 2 May cause damage to organs through prolonged or repeated exposure.
isobutanol	No data available.

ethylbenzene	Oral Inhalation - vapor: Ear - Category 2 May cause damage to organs through prolonged or repeated exposure.
Maleic acid	No data available.

**Aspiration Hazard**

<b>Product:</b>	Not classified
<b>Components:</b>	
xylene, mixture of isomers	May be fatal if swallowed and enters airways.
isobutanol	Not classified
ethylbenzene	May be fatal if swallowed and enters airways.
Maleic acid	Not classified

**Information on health hazards**
**Other hazards**

<b>Product:</b>	No data available.
-----------------	--------------------

**12. Ecological information**
**Ecotoxicity:**
**Acute hazards to the aquatic environment:**
**Fish**

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	LC 50 (Oncorhynchus mykiss, 96 h): 2.6 mg/l
isobutanol	LC 50 (Pimephales promelas, 96 h): 1,430 mg/l Literature
ethylbenzene	LC 50 (Atlantic silverside (Menidia menidia), 96 h): 5.1 mg/l salt water NOEC (Atlantic silverside (Menidia menidia), 96 h): 3.3 mg/l salt water LC 50 (Oncorhynchus mykiss, 96 h): 4.2 mg/l
Maleic acid	LC 50 (Oncorhynchus mykiss, 96 h): 75 mg/l

**Aquatic Invertebrates**

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	EC 50 (Daphnia magna, 24 h): 1 mg/l
isobutanol	EC 50 (Daphnia pulex, 48 h): 1,100 mg/l Literature
ethylbenzene	LC 50 (Americamysis bahia, 48 h): > 5.2 mg/l salt water EC 50 (Daphnia magna, 48 h): 1.8 - 2.4 mg/l NOEC (Daphnia magna, 48 h): 17.5 mg/l
Maleic acid	EC 50 (Daphnia magna, 48 h): 42.81 mg/l LOEL (Daphnia magna, 48 h): 30.63 mg/l

**Toxicity to Aquatic Plants**

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): 4.36 mg/l (OECD

isomers	201) growth rate EC 50 (Algae ( <i>Pseudokirchneriella subcapitata</i> ), 72 h): 2.2 mg/l (OECD 201) Biomass
isobutanol	EC 50 (Algae ( <i>Pseudokirchneriella subcapitata</i> ), 72 h): 632 mg/l (OECD 201) Literature EC 50 (Algae ( <i>Pseudokirchneriella subcapitata</i> ), 72 h): 1,799 mg/l (OECD 201)
ethylbenzene	EC 50 (Algae ( <i>Pseudokirchneriella subcapitata</i> ), 72 h): 5.4 mg/l (US-EPA-method) EC 50 ( <i>Skeletonema costatum</i> (marine diatom), 72 h): 4.9 mg/l (US-EPA-method) saltwater
Maleic acid	EC 50 (Algae ( <i>Pseudokirchneriella subcapitata</i> ), 72 h): 74.35 mg/l (OECD 201) Literature

#### Toxicity to microorganisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	NOEC (activated sludge, 3 h): 157 mg/l (OECD 209)
isobutanol	No data available.
ethylbenzene	EC 20 (activated sludge, 0.5 h): Approximate 200 mg/l (OECD 209) EC 50 (activated sludge, 0.5 h): Approximate 600 mg/l (OECD 209)
Maleic acid	EC 10 ( <i>Pseudomonas putida</i> , 18 h): 44.6 mg/l (DIN 38412)

#### Toxicity to soil dwelling organisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

#### Toxicity to terrestrial organisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

#### Chronic hazards to the aquatic environment:

##### Fish

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	NOEC ( <i>Oncorhynchus mykiss</i> , 56 d): > 1.3 mg/l NOEC ( <i>Oncorhynchus mykiss</i> , 56 d): > 1.3 mg/l
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

##### Aquatic Invertebrates

<b>Product:</b>	No data available.
<b>Components:</b>	

xylylene, mixture of isomers	NOEC (Ceriodaphnia dubia, 7 d): 1.17 mg/l (US-EPA-method) NOEC (Ceriodaphnia dubia, 7 d): 0.96 mg/l (US-EPA-method) EL50 (Daphnia magna, 21 d): 2.9 mg/l (OECD 211) EC 10 (Daphnia magna, 21 d): 1.91 mg/l (OECD 211) NOEC (Daphnia magna, 21 d): 1.57 mg/l (OECD 211)
isobutanol	NOEC (Daphnia magna, 21 d): 20 mg/l
ethylbenzene	LC 50 (Ceriodaphnia dubia, 7 d): 3.6 mg/l (US-EPA-method) IC 50 (Ceriodaphnia dubia, 7 d): 3.3 mg/l (US-EPA-method) NOEC (Ceriodaphnia dubia, 7 d): 0.96 mg/l (US-EPA-method) Lowest Observed Effect Concentration (Ceriodaphnia dubia, 7 d): 1.7 mg/l (US-EPA-method)
Maleic acid	No data available.

### Toxicity to Aquatic Plants

<b>Product:</b>	No data available.
<b>Components:</b>	
xylylene, mixture of isomers	NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 1.3 mg/l (OECD 201) growth rate NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 0.44 mg/l (OECD 201) Biomass
isobutanol	NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 53 mg/l (OECD 201) Literature
ethylbenzene	No data available.
Maleic acid	No data available.

### Toxicity to microorganisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylylene, mixture of isomers	NOEC (activated sludge, 3 h): 157 mg/l (OECD 209)
isobutanol	No data available.
ethylbenzene	EC 20 (activated sludge, 0.5 h): Approximate 200 mg/l (OECD 209) EC 50 (activated sludge, 0.5 h): Approximate 600 mg/l (OECD 209)
Maleic acid	EC 10 (Pseudomonas putida, 18 h): 44.6 mg/l (DIN 38412)

### Toxicity to soil dwelling organisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

### Toxicity to terrestrial organisms

<b>Product:</b>	No data available.
<b>Components:</b>	
xylylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

### Persistence and Degradability

#### Biodegradation

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	98 % (28 d, OECD 301 F) The product is easily biodegradable., aerobic
isobutanol	70 - 80 % (28 d, OECD 301 D) The product is easily biodegradable., aerobic
ethylbenzene	70 - 80 % (28 d, ISO 14593) The product is easily biodegradable., aerobic
Maleic acid	97 % (28 d, OECD 301 B) The product is easily biodegradable., aerobic

#### BOD/COD Ratio

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

#### Bioaccumulative potential

##### Bioconcentration Factor (BCF)

<b>Product:</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

##### Partition Coefficient n-octanol / water (log Kow)

<b>Product:</b>	Log Kow: not measured
<b>Components:</b>	
xylene, mixture of isomers	Log Kow: 3.16 20 °C
isobutanol	Log Kow: 1 25 °C (HPLC-Method) Literature
ethylbenzene	Log Kow: 3.6 20 °C (EU Method A.8)
Maleic acid	Log Kow: -0.48 Literature

#### Mobility in soil:

<b>Product</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

<b>Product</b>	No data available.
<b>Components:</b>	
xylene, mixture of isomers	No data available.
isobutanol	No data available.
ethylbenzene	No data available.
Maleic acid	No data available.

**Other adverse effects:****Other hazards****Product:** Do not allow to enter soil, waterways or waste water canal.**13. Disposal considerations****Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.**14. Transport information****ADG**UN number or ID number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
Class : 3  
Packing group : III  
Labels : 3  
Hazchem Code : •3Y**International Regulations****IATA-DGR**UN/ID No. : UN 1993  
Proper shipping name : Flammable liquid, n.o.s.  
(Xylene, Isobutanol)  
Class : 3  
Packing group : III  
Labels : 3  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355**IMDG-Code**UN number or ID number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(Xylene, Isobutanol)  
Class : 3  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E  
Marine pollutant : no  
Remarks : Stowage category A**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 15. Regulatory information

### International regulations

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

## 16. Other information, including date of preparation or last revision

**Issue Date:** 19.08.2021

**Version #:** 1.1

**Further Information:** No data available.

**Revision Information:** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

**Disclaimer:** This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.