



**GTI 344**

Version 1.0

MSDS Number: 000000001667

Revision Date: 13.03.2015

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

**1.1 Product identifier**

Trade name : GTI 344

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

Use of the Sub-  
stance/Mixture : Clear coating

Recommended restrictions  
on use : For use in industrial installations or professional treatment  
only.

**1.3 Details of the supplier of the safety data sheet**

Company : Roberlo s.a.  
Ctra. Nacional II, Km. 706,5  
17457 Riudellots de la Selva  
Spain

Telephone : +34972478060

Telefax : +34972477394

E-mail address of person  
responsible for the SDS : msds@roberlo.com

**1.4 Emergency telephone number**

+34 972 478060 (8:00-12:45 / 14:15-17:30 h) ROBERLO (Spain) (GMT + 1:00)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Flammable liquids, Category 2 H225: Highly flammable liquid and vapour.

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2 H319: Causes serious eye irritation.

Specific target organ toxicity - single ex-  
posure, Category 3, Central nervous  
system H336: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated  
exposure, Category 2 H373: May cause damage to organs through pro-  
longed or repeated exposure if inhaled.

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Chronic aquatic toxicity, Category 3

H412: Harmful to aquatic life with long lasting effects.

### Classification (67/548/EEC, 1999/45/EC)

Highly flammable

R11: Highly flammable.

Irritant

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Dangerous for the environment

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H225

Highly flammable liquid and vapour.

H373

May cause damage to organs through prolonged or repeated exposure if inhaled.

H315

Causes skin irritation.

H336

May cause drowsiness or dizziness.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260

Do not breathe vapours.

P260

Do not breathe spray.

**Response:**

P304 + P340 + P312

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P303 + P361 + P353

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

**Storage:**

P403

Store in a well-ventilated place.

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### Disposal:

P501

Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

acetone

xylene (mixture of isomers)

n-butyl acetate

### Additional Labelling:

EUH208 May produce an allergic reaction.

Contains: Bis(hydroxyphenylbenzotriazole) derivative and Hydroxyphenylbenzotriazole derivative and Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Paint

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
acetone	67-64-1 200-662-2 01- 2119471330-49	F; R11 Xi; R36 R66 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 30 - < 50
n-butyl acetate	123-86-4 204-658-1 01- 2119485493-29	R10 R66 R67	Flam. Liq.3; H226 STOT SE3; H336	>= 10 - < 15
xylene (mixture of isomers)	1330-20-7 215-535-7 01- 2119488216-32	R10 Xn; R20/21 Xi; R38	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373	>= 5 - < 10

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Solvent naphtha (petroleum), light arom.	64742-95-6 265-199-0 01- 2119455851-35	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67	Asp. Tox.1; H304 Flam. Liq.3; H226 Asp. Tox.1; H304 STOT SE3; H335, H336 Aquatic Chronic2; H411	>= 2.5 - < 10
ethylbenzene	100-41-4 202-849-4	F; R11 Xn; R20	Flam. Liq.2; H225 Acute Tox.4; H332 STOT RE2; H373 Asp. Tox.1; H304	>= 1 - < 10
Bis(hydroxyphenylbenzotriazole) derivative	104810-48-2 400-830-7	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	>= 0.1 - < 0.25
Hydroxyphenylbenzotriazole derivative	104810-47-1	Xi; R43 N; R51/53	Skin Sens.1; H317 Aquatic Chronic2; H411	>= 0.1 - < 0.25
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7 255-437-1 01- 2119491304-40	Xi; R43 N; R50/53	Skin Sens.1; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0.1 - < 0.25

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Obtain medical attention.

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

Symptoms : Inhalation may provoke the following symptoms:  
Headache  
Vertigo  
Fatigue  
Weakness  
Skin contact may provoke the following symptoms:  
Redness  
Pain  
Ingestion may provoke the following symptoms:  
Abdominal pain  
Nausea  
Vomiting  
Diarrhoea

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

Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.  
For safety reasons in case of fire, cans should be stored separately in closed containments.

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### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Container may be opened only under exhaust ventilation hood.

Advice on protection against fire and explosion : Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : No smoking. Store in cool place. Keep in a well-ventilated place. Containers which are opened must be carefully re-

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sealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : For the use of this product do not exist particular recommendations apart from that already indicated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
acetone	67-64-1	TWA	500 ppm 1,210 mg/m <sup>3</sup>	2000/39/EC
Further information	Indicative			
acetone	67-64-1	TWA	500 ppm 1,210 mg/m <sup>3</sup>	GB EH40
acetone	67-64-1	STEL	1,500 ppm 3,620 mg/m <sup>3</sup>	GB EH40
n-butyl acetate	123-86-4	TWA	150 ppm 724 mg/m <sup>3</sup>	GB EH40
n-butyl acetate	123-86-4	STEL	200 ppm 966 mg/m <sup>3</sup>	GB EH40
xylene (mixture of isomers)	1330-20-7	TWA	50 ppm 220 mg/m <sup>3</sup>	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
xylene (mixture of isomers)	1330-20-7	STEL	100 ppm 441 mg/m <sup>3</sup>	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
xylene (mixture of isomers)	1330-20-7	TWA	50 ppm 221 mg/m <sup>3</sup>	2000/39/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
xylene (mixture of isomers)	1330-20-7	STEL	100 ppm 442 mg/m <sup>3</sup>	2000/39/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
ethylbenzene	100-41-4	TWA	100 ppm 442 mg/m <sup>3</sup>	2000/39/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
ethylbenzene	100-41-4	STEL	200 ppm 884 mg/m <sup>3</sup>	2000/39/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
ethylbenzene	100-41-4	TWA	100 ppm	GB EH40

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			441 mg/m3	
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
ethylbenzene	100-41-4	STEL	125 ppm 552 mg/m3	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

acetone	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 1210 mg/m3
n-butyl acetate	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 480 mg/m3
xylene	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 77 mg/m3
Low boiling point naphtha - unspecified	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 608 mg/m3
ethylbenzene	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 77 mg/m3

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection

Remarks : Solvent-resistant gloves The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.

Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.



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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: colourless
Odour	: characteristic
pH	: Not applicable
Melting point/range	: Not applicable
Boiling point/boiling range	: 56.2 °C (7.6 hPa)
Flash point	: -13 °C Method: ISO 1523, closed cup Setaflash
Upper explosion limit	: 112 %(V) ( 25 °C)
Lower explosion limit	: 2.1 %(V) ( 25 °C)
Vapour pressure	: 131.4 hPa (20 °C)  585 hPa (50 °C)
Density	: 0.92 g/cm <sup>3</sup> (20 °C) Method: ISO 2811-1
Solubility(ies) Water solubility	: immiscible
Auto-ignition temperature	: 477 °C
Viscosity Viscosity, dynamic	: 32 mPa.s (20 °C) Method: ISO 2555
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s (40 °C)

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### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if used as directed.

Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents  
Strong acids and strong bases

### 10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute inhalation toxicity : Acute toxicity estimate : > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 2,000 mg/kg  
Method: Calculation method

##### Components:

##### **acetone:**

Acute oral toxicity : LD50 Oral (Rat): 5,800 mg/kg  
Method: OECD Test Guideline 401

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Acute inhalation toxicity : LC50 (Rat): 100.2 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 20,000 mg/kg  
Method: OECD Test Guideline 402

### **n-butyl acetate:**

Acute oral toxicity : LD50 Oral (Rat): 10,768 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 23.4 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 17,600 mg/kg  
Method: OECD Test Guideline 402

### **xylene (mixture of isomers):**

Acute oral toxicity : LD50 Oral (Rat): 4,300 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 22.08 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : Acute toxicity estimate : 1,100 mg/kg  
Method: Converted acute toxicity point estimate

### **Solvent naphtha (petroleum), light arom.:**

Acute oral toxicity : LD50 Oral (Rat): 3,592 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 20 mg/l  
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): 3,160 mg/kg  
Method: OECD Test Guideline 402

### **ethylbenzene:**

Acute oral toxicity : LD50 Oral (Rat): 3,500 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 17.4 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 15,400 mg/kg  
Method: OECD Test Guideline 402

### **Bis(hydroxyphenylbenzotriazole) derivative:**

Acute oral toxicity : LD50 Oral (Rat): 2,000 mg/kg

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Method: OECD Test Guideline 401

### **Hydroxyphenylbenzotriazole derivative:**

Acute oral toxicity : LD50 Oral (Rat): 2,000 mg/kg  
Method: OECD Test Guideline 401

### **Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate:**

Acute oral toxicity : LD50 Oral (Rat): 2,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): 2,000 mg/kg  
Method: OECD Test Guideline 402

### **Skin corrosion/irritation**

#### **Product:**

Remarks: May cause skin irritation in susceptible persons.

### **Serious eye damage/eye irritation**

#### **Product:**

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

### **Respiratory or skin sensitisation**

#### **Product:**

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

### **Germ cell mutagenicity**

#### **Product:**

Germ cell mutagenicity- Assessment : Based on available data, the classification criteria are not met.

### **Carcinogenicity**

#### **Product:**

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

### **Reproductive toxicity**

#### **Product:**

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

### **STOT - single exposure**

#### **Product:**

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Exposure routes: Inhalation

Target Organs: Central nervous system

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

### STOT - repeated exposure

#### Product:

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

### Aspiration toxicity

#### Product:

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

### Further information

#### Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **acetone:**

Toxicity to fish : LC50 (Fish): 5,540 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 12,100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

##### **n-butyl acetate:**

Toxicity to fish : LC50 (Fish): 18 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 32 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 675 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

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### **xylene (mixture of isomers):**

Toxicity to fish : LC50 (Fish): 14 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 16 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

### **Solvent naphtha (petroleum), light arom.:**

Toxicity to fish : LC50 (Fish): 9.2 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 3.2 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 2.9 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **ethylbenzene:**

Toxicity to fish : LC50 (Fish): 12 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 1.8 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 33 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **Bis(hydroxyphenylbenzotriazole) derivative:**

Toxicity to fish : LC50 (Fish): 2.8 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 3.8 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Algae): 9 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **Hydroxyphenylbenzotriazole derivative:**

Toxicity to fish : LC50 (Fish): 2.8 mg/l  
Exposure time: 96 h

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Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 3.8 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50 (Algae): 5,540 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate:**

Toxicity to fish : LC50 (Fish): 0.97 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 20 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

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

#### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **12.6 Other adverse effects**

#### **Product:**

Environmental fate and pathways : No data available

Additional ecological information : There is no data available for this product.

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## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

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Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

### SECTION 14: Transport information

#### 14.1 UN number

ADR : UN 1263  
IMDG : UN 1263  
IATA : UN 1263

#### 14.2 UN proper shipping name

ADR : PAINT  
IMDG : PAINT  
IATA : Paint

#### 14.3 Transport hazard class(es)

ADR : 3  
IMDG : 3  
IATA : 3

#### 14.4 Packing group

**ADR**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

**IMDG**  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-E

**IATA**  
Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

#### 14.5 Environmental hazards

ADR



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Environmentally hazardous : no

### IMDG

Marine pollutant : no

#### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
P5c	FLAMMABLE LIQUIDS	5,000 t	50,000 t
34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams)	2,500 t	25,000 t

Volatile organic compounds : 535 g/l

Directive 2004/42/EC : Special finishes (840 g/l )

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.

### 15.2 Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### Full text of R-Phrases

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## GTI 344

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R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.