

# Safety Data Sheet according to Regulation (EU) No. 1907/2006

REMA TIP TOP GmbH

Revision date: 04.05.2010

Revision no.: 1,00

**TIP TOP COROPUR ACTIVATOR A-1786 FOR COROPUR TF 21 (MR 10:1)**

00156-0329



## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

TIP TOP COROPUR ACTIVATOR A-1786 FOR COROPUR TF 21 (MR 10:1)

**Art.-No.:**

580 0870

### Use of the substance/preparation

Activator

### Company/undertaking identification

REMA TIP TOP GmbH

Gruber Straße 63

D-85586 Poing

Telephone : ++49 (0) 8121 / 707 - 0

Responsible Department :

Emergency telephone : ++49 (0) 6132 / 84463 (GBK Gefahrgut Buero GmbH, Ingelheim)

Responsible for the safety data sheet: sds@gbk-ingelheim.de

## 2. Hazards identification

### Classification

Indications of danger : Irritant, Dangerous for the environment

R-phrases:

Flammable.

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

## 3. Composition/information on ingredients

### Chemical characterization ( Mixture )

Polyoxazolidine

#### Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
265-199-0	64742-95-6	Solvent naphta (petroleum)	25 - 50 %	Xn, Xi, N R10-37-51-53-65-66-67
202-436-9	95-63-6	1,2,4-Trimethylbenzene	20 - 25 %	Xn, Xi, N R10-20-36/37/38-51-53
203-604-4	108-67-8	Trimethylbenzenes, all isomers or mixtures	5 - 10 %	Xi, N R10-37-51-53
203-132-9	103-65-1	Propylbenzene	2,5 - 5 %	Xn, Xi, N R10-65-37-51-53

Full text of each relevant R phrase can be found in heading 16.

### Further Information

According to note P to the regulation (EC) no. 1272/2008, "Solvent naphta (petroleum)" is not to be classified as "carcinogenic" or "mutagen" ingredient because a benzene content (EINECS No. 200-753-7) is below 0.1 % by weight.

## 4. First aid measures

### General information

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Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

Take away from danger area and lay down affected person.

Never give anything by mouth to an unconscious person.

In case of the person being unconscious put him/her in a stable side position.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Refer for medical treatment.

If patient is not breathing, apply artificial respiration.

**After contact with skin**

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

Do not use solvents or thinners.

**After contact with eyes**

Remove contact lens.

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.

**After ingestion**

Do not induce vomiting.

Rinse mouth.

Never give anything by mouth to an unconscious person.

Summon a doctor immediately.

Induce vomiting only upon the advice of a physician.

**5. Fire-fighting measures**

**Suitable extinguishing media**

Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

**Extinguishing media which must not be used for safety reasons**

Full water jet.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>).

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Protective suit.

**Additional information**

Cool containers at risk with water spray jet.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Vapours are heavier than air and spread along ground.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

**6. Accidental release measures**

**Personal precautions**

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In case of vapour formation use respirator.

Use only explosion-proof equipment.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

Inform competent authority about release into the sewerage, ground or into waters.

### **Methods for cleaning up/taking up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

## **7. Handling and storage**

### **Handling**

#### **Advice on safe handling**

Keep container tightly closed.

Keep a good ventilation and air-exhaust at the place of work.

Vapours are heavier than air and spread along ground.

Avoid contact with the skin and the eyes.

When using, do not eat, drink or smoke.

#### **Advice on protection against fire and explosion**

Keep away from heat and sources of ignition.

Do not smoke.

Take precautionary measures against static discharges.

Use only explosion-proof equipment.

### **Storage**

#### **Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion protection rules.

Protect from heat and direct solar radiation.

Storage temperature between 15°C to 30°C

Do not empty container under pressure. No pressure tank!

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### **Advice on storage compatibility**

Incompatible with:

Oxidizing agents.

Acids and bases.

#### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

## **8. Exposure controls/personal protection**

### **Exposure limit values**

**Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
95-63-6	Trimethylbenzenes	25	125		TWA (8 h)	WEL
108-67-8		25	125		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
		-	-		STEL (15 min)	WEL

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Do not inhale vapours.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Treat subsequently with skin cream.

Remove and wash contaminated clothing before re-use.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

**Hand protection**

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by [www.kcl.de](http://www.kcl.de).

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Tightly fitting goggles.

Eye wash bottle with pure water.

**Skin protection**

Long sleeved clothing.

**9. Physical and chemical properties****General information**

Physical state : Liquid  
 Colour : Various  
 Odour : Hydrocarbon-like

**Important health, safety and environmental information****Changes in the physical state**

Flash point : 47 °C DIN 53213  
 Lower explosion limits : 1,0 vol. %  
 Upper explosion limits : 7,5 vol. %  
 Vapour pressure : 3,21 hPa  
 (at 20 °C)  
 Density (at 20 °C) : 0,94 g/cm<sup>3</sup>  
 Water solubility : Immiscible  
 (at 20 °C)  
 Flow time : 14 s 4 DIN 53211



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**Solvent separation test**

< 3 %

**Solvent content**

64 %

**Other information**

Ignition temperature : \_\_\_\_\_ 370 °C \_\_\_\_\_

**10. Stability and reactivity**

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.  
Heating can release vapours which can be ignited.  
Vapour/air-mixtures are explosive at intense warming.

**Materials to avoid**

Strong oxidizing agents.  
Strong acids and strong bases.

**Hazardous decomposition products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>).

**Additional information**

No decomposition if stored and applied as directed.

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**11. Toxicological information**

**Empirical data on effects on humans**

Irritating to eyes, respiratory system and skin.  
Repeated exposure may cause skin dryness or cracking.  
Vapours may cause drowsiness and dizziness.  
Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.  
Inhalation of high concentrations may cause injuries to liver, kidneys and central nervous system.  
A longer or repeated contact may lead to irritation of eyes and mucous membranes.  
Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

**Further information**

No toxicological data available.  
Classification in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG.

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**12. Ecological information**

**Further information**

Do not flush into surface water or sanitary sewer system.  
Hazardous water pollutant.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Ecological data are not available.

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**13. Disposal considerations**

**Advice on disposal**

Can be incinerated, when in compliance with local regulations.  
Where possible recycling is preferred to disposal.

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**Waste disposal number of waste from residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances  
Classified as hazardous waste.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

**14. Transport information****Land transport (ADR/RID)**

UN number :	1263
ADR/RID class :	3
Classification code :	F1
Warning plate	
Hazard-no. :	30
Hazard label :	3
ADR/RID packing group :	III
Limited quantity :	LQ 7

**Description of the goods**

Paint

**Other applicable information (land transport)**

LQ 7: combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Tunnel restriction code: D/E

Transport category: 3

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L, transition period ends 31.12.2010.

**Marine transport**

UN number :	1263
IMDG code :	3
Marine pollutant :	No
Hazard label :	3
IMDG packing group :	III
EmS :	F-E; S-E
Limited quantity :	5 l / 30 kg

**Description of the goods**

PAINT

**Other applicable information (marine transport)**

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Additional label with symbol "fish and tree" according to subsection 5.2.1. IMDG Code for single packagings and inner packagings with > 5 kg or 5 L.

**Air transport**

UN/ID number :	1263
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ICAO/IATA-DGR :	3
Hazard label :	3
ICAO packing group :	III
Limited quantity Passenger :	Y309 / 10 L
IATA-packing instructions - Passenger :	309
IATA-max. quantity - Passenger :	60 L
IATA-packing instructions - Cargo :	310
IATA-max. quantity - Cargo :	220 L

**Description of the goods**

PAINT

**15. Regulatory information****Labelling****Additional advice on labelling**

According to EEC-regulations the product is to be labelled as follows:

Danger symbols : Xi - Irritant; N - Dangerous for the environment



Xi - Irritant



N - Dangerous for the environment

**R phrases**

- 10 Flammable.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 67 Vapours may cause drowsiness and dizziness.

**S phrases**

- 23 Do not breathe vapour.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 38 In case of insufficient ventilation, wear suitable respiratory equipment.
- 51 Use only in well-ventilated areas.
- 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

**EU regulatory information**

1999/13/EC (VOC) : 602 g/l

**National regulatory information**

Employment restrictions : Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D) : 2 - water contaminating

**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

- 10 Flammable.
- 20 Harmful by inhalation.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 37 Irritating to respiratory system.
- 51 Toxic to aquatic organisms.

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51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53	May cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*