

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

REMA TIP TOP GmbH

Revision date: 27.10.2011

Revision no.: 1,04

**TIP TOP COCKPIT CLEANER**

00156-0278



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

### **Product identifier**

TIP TOP COCKPIT CLEANER

#### **Art.-No.**

593 2700, 593 2840, 593 2850

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

#### **Use of the substance/mixture**

Plastic polish

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

REMA TIP TOP GmbH

Gruber Strasse 63

D-85586 Poing

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

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

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

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## **SECTION 2: Hazards identification**

### **Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

#### **GHS classification**

This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### **Label elements**

##### **Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.

##### **Additional advice on labelling**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

In handling, does not keep a fire ablaze in any way, therefore exempt of classification.

##### **Other hazards**

Not known.

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## **SECTION 3: Composition/information on ingredients**

### **Mixtures**

#### **Chemical characterization**

Aqueous cleansing agent with isopropanol



### Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
200-578-6	Ethanol	< 10 %
64-17-5	F R11	
603-002-00-5	Flam. Liq. 2; H225	
01-2119457610-43		
200-661-7	Propan-2-ol	< 10 %
67-63-0	F, Xi R11-36-67	
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
01-2119455582-50		
	Sodium alkylbenzenesulfonates	< 5 %
	Xi R36/38	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	

Full text of R- and H-phrases: see section 16.

## SECTION 4: First aid measures

### Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

#### After inhalation

Move victim to fresh air.

If you feel unwell, seek medical advice.

#### After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

#### After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

#### After ingestion

Do not provoke vomiting. Consult physician. Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth. Make drink some glasses of water. The decision whether to provoke vomiting is to be taken by a physician.

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

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.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media

Product is ignitable, but does not keep burning.

Fire-extinguishing activities according to surrounding.

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

Full water jet.



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**Special hazards arising from the substance or mixture**

Fire may produce:

Carbon monoxide, carbon dioxide and sulphur oxides.

**Advice for firefighters**

Use breathing apparatus with independent air supply.

**Additional information**

Cool containers at risk with water spray jet.

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

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**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Attention. Hazard of skidding.

Avoid contact with skin, eyes and clothing.

Keep away from sources of ignition - No smoking.

**Environmental precautions**

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

Do not discharge into the subsoil/soil.

**Methods and material for containment and cleaning up**

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

Shovel into suitable container for disposal.

**Reference to other sections**

Cool containers at risk with water spray jet.

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

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**SECTION 7: Handling and storage**

**Precautions for safe handling**

**Advice on safe handling**

Avoid contact with the skin and the eyes.

Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

No special protective measures against fire required.

**Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

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

**Advice on storage compatibility**

Incompatible with oxidizing agents.

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**Specific end use(s)**

Plastic polish

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**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**Exposure limits (EH40)**

CAS No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

**Exposure controls****Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

**Respiratory protection**

No personal respiratory protective equipment normally required.

**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.

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**

Safety goggles

**Skin protection**

Long sleeved clothing.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Greenish-blue
Odour:	Fruity

**Test method**

pH-Value: 10

**Changes in the physical state**

Melting point:	< 0 °C
Boiling point:	approx. 90 °C
Flash point:	38 °C (*)
Lower explosion limits:	2 vol. %
Upper explosion limits:	
Ignition temperature:	> 425 °C
Density (at 20 °C):	1,005 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	Completely miscible
Viscosity / dynamic: (at 20 °C)	1 mPa·s



Solvent content:

< 15 %

**Other information**

(\*) Product is ignitable, but does not keep burning.

**SECTION 10: Stability and reactivity**

**Reactivity**

No decomposition if stored and applied as directed.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Reactions with oxidizing agents.

**Conditions to avoid**

Keep away from heat and sources of ignition.

**Incompatible materials**

Oxidizing agents.

**Hazardous decomposition products**

Carbon monoxide, carbon dioxide, sulphur oxides.

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

No toxicological data available.

**Irritation and corrosivity**

Eye irritation: Not classified.

Skin irritation: Not classified.

**Sensitizing effects**

Not classified.

**Severe effects after repeated or prolonged exposure**

STOT - Single exposure: Not classified.

STOT - Repeated exposure: Not classified.

Aspiration hazard: Not classified.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Carcinogenicity: Not classified.

Mutagenicity: Not classified.

Teratogenicity Not classified.

**Additional information on tests**

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

**Empirical data on effects on humans**

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.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

**SECTION 12: Ecological information**

**Toxicity**

Ecological data are not available.

**Persistence and degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent



manufacturer.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

No data available.

**Other adverse effects**

Low hazard to waters.

**Further information**

Do not flush into surface water or sanitary sewer system.

**SECTION 13: Disposal considerations**

**Waste treatment methods**

**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

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

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

**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.

**SECTION 14: Transport information**

**Other applicable information**

No hazardous material as defined by the transport regulations.

In handling, does not keep a fire ablaze in any way, therefore exempt of classification.

**SECTION 15: Regulatory information**

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

**EU regulatory information**

1999/13/EC (VOC): < 15 %

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

**Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**Full text of R-phrases referred to under sections 2 and 3**

- 11 Highly flammable.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 67 Vapours may cause drowsiness and dizziness.

**Full text of H-Statements referred to under sections 2 and 3**

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.

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H336 May cause drowsiness or 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.)*