

Date of issue: 07.05.2013 Replaces Data Sheet of:

"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

1.1 **Product identifier / Commercial Product Name:** Emtec Screen Spray 50ml, 250ml Super man

1.2 **Relevant identified uses of the substance or mixture and uses advised against:** None known.

Identification of Substance or Preparation

Use : TFT Cleaner spray

Preparation No. : I 2025

Article-No: ECCLSPRSCR

Chemical Characterisation: Aqueous solution with special active agents

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

Address: Manufacturer, supplier:

Dexxon Data Media, 79, avenue Louis Roche, 92230 Gennevilliers, France

Telephone: + 33-9 74 504 000, Telefax: n.av. eMail: contact@emtec-international.com

Contact Person: n.av.

Responsible:

CHEMCO123@ – Chemical Consultancy, graduate chemist, R. Fechner, ☎ + 49 5254 9575 05,

eMail: info@chemco123.de

1.4 **Emergency telephone number:**

Germany: Information Centre Specialising in Symptoms of Poisoning 49 30 19 240 (with costs)

France: Ligne d'urgence du Centre Antipoison de Lille: +33 825 812 822

Emergency - Telephone of Company / Undertaking: + 33-9 74 504 000

SECTION 2: Hazards identification

2.1 **Classification of the substance or mixture: :**

Classification according to Directive 1999/45 and Regulation (EC) 1272/2008:

The product does not need to be labelled.

2.2 **Label elements:**

Label elements according to Directive 1999/45 and Regulation (EC) 1272/2008:

None.

2.3 **Other hazards:**

For Humans:

May cause skin and eye irritation in susceptible persons. Repeated contact may cause allergic reactions in very susceptible persons.

For the Environment:

Not water endangering.

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

SECTION 3: Composition/information on ingredients

3.1 **Substances:** Not applicable.

3.2 **Mixtures:**

Dangerous Ingredients / Ingredients with exposure limits at the workplace:

Information not required.

SECTION 4: First aid measures

4.1 **Description of first aid measures:**

General advice:

Show this safety data sheet to the doctor in attendance.

Inhalation:

Not relevant.

Skin Contact :

Wash away with water.

Consult a physician if allergic reactions are happened.

Eye Contact :

Flush eyes out immediately with large amounts of water with eye lids lifted.

If irritation persists consult physician.

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Ingestion :

Do not cause vomiting. Rinse mouth out and drink plenty of water. In the event of symptoms occurring, seek medical treatment.

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

Danger of aspiration when vomiting or irrigating stomach. Give anti-foaming agent if necessary.

4.3 **Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

SECTION 5: Firefighting measures5.1 **Extinguishing media:**

Suitable Extinguishing Media: This material is not combustible; use extinguishing media appropriate for surrounding fire.

Extinguishing Media to Avoid : Carbon dioxide.

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

In case of fire, product may form: Carbon oxides, nitrogenoxides, Hydrogenchloride, Sulphur oxides.

5.3 **Advice for firefighters:** None.**Special Protective Equipment :**

Wear positive pressure self-contained breathing apparatus.

Wear full protective clothing.

SECTION 6: Accidental release measures6.1 **Personal precautions, protective equipment and emergency procedures:**

See Personal Protective Equipment.

6.1.1 *For non-emergency personnel:*

Avoid contact with eyes and skin. (See Personal Protective Equipment.)

6.1.2 *For emergency responders:*

Avoid contact with eyes and skin. (See Personal Protective Equipment.)

6.2 **Environmental precautions:**

No special environmental precautions required. Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained..

6.3 **Methods and material for containment and cleaning up:**6.3.1 *Methods and material for containment:*

Soak up with inert absorbent material (e.g. universal binder, sawdust). Shovel into suitable container for disposal.

After cleaning, flush away traces with water.

6.3.2 *Methods and material for cleaning up:*

Soak up with inert absorbent material (e.g. universal binder, sawdust). Shovel into suitable container for disposal.

After cleaning, flush away traces with water.

6.3.3 **Inappropriate containment or clean-up techniques:**

None known.

6.4 **Reference to other * SECTIONS:**

See also Section 8 / 13

SECTION 7: Handling and storage7.1 **Precautions for safe handling:**7.1.1 **Recommendations shall be specified to:**

Avoid contact with skin and eyes. Contaminated surfaces will be slippery. Soak up with inert absorbent material (e.g. universal binder, sawdust).

7.1.2 **Advice on general occupational hygiene shall be provided:**

Avoid contact with eyes and skin. Remove contaminated, saturated clothing immediately.

Do not eat or drink while working.

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

Do not store together with strong oxidizing agents.

Further Information on Storage Conditions :

Keep at temperatures above 0 °C.

Precautions in Case of Fire and Explosion:

No special protective measures against fire required.

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7.3 **Specific end use(s):**
TFT Cleaner spray.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters:**
CAS / Material **Limit Value according to TRGS 900/ EC Guidline 2000/39:**
 None. Even in the case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached
- 8.2 **Exposure controls:**
None.
- 8.2.1 **Appropriate engineering controls:**
None.
- Information on System Design:**
None.
- Personal Protective Equipment**
Respiratory Protection : No.
Hand Protection:
 Excessive exposure: Use protective gloves according to EN 374. (butylrubber).
 Break through time: > 480 Min. Glove thickness: 0,7 mm.
 Short time exposure: Use protective gloves according to EN 374. (butyl rubber).
 Break through time: > 30 Min. Glove thickness: 0,4 mm.
 Refer to manufacturer of gloves for detailed information.
- Eye Protection :** Goggles
Skin Protection : No.
Further Information : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Thermal hazards:** None.
- 8.2.3 **Environmental exposure controls:** None.

SECTION 9: Physical and chemical properties

- 9.1 **Information on basic physical and chemical properties:**
- Appearance:** liquid
Colour: blue
Odour: pleasant
Odour threshold: n.ap
- Safety Relevant Data**
- | | |
|--|----------------------|
| pH-value, undiluted : | weakly acidic |
| Boiling point / Boiling - range (°C) : | ca. 100 |
| Melting point / Melting range (°C) : | n.av. |
| Flash point (°C, c.c.) : | n.ap. |
| Flammability: | n.ap. |
| Ignition temperature (°C) : | n.ap. |
| Autoflammability: | n.ap. |
| Oxidising properties : | No. |
| Explosion hazard : | No. |
| Explosion limits (Vol.%) lower : | n.ap., upper : n.ap. |
| Vapour pressure : | n.ap. |
| Density (g/ml) : | n.av. |
| Solubility (in Water) : | Soluble |
| Partition coefficient, n-Octanol/Water : | n.av. |
| Viscosity : | like water |
| Solvent separation test : | n.ap. |
| Solvent content (m %) : | n.ap. |
| VOC – content (g / kg) : | n.ap. |
| Fat solubility : | No |

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9.2 **Other information:**
 Thermal decomposition (°C) : n.av.
 Vapour density (Air = 1) : n.ap.
 Evaporation rate : n.ap.

SECTION 10: Stability and reactivity

10.1 **Reactivity:**
None.

10.2 **Chemical stability:**
Stable at normal conditions.

10.3 **Possibility of hazardous reactions:**
None.

10.4 **Conditions to avoid:**
Reactions with strong oxidizing agents.

10.5 **Incompatible materials:**
None.

10.6 **Hazardous decomposition :**
No dangerous decomposition products when properly handled.

SECTION 11: Toxicological information

11.1 **Information on toxicological effects**

11.1.1 **Mixtures**

Acute toxicity:
 Inhalation, LC₅₀ rat, (mg/l/4h): n.av.
 Ingestion, LD₅₀ rat, (mg/kg): n.av.
 Skin - contact, LD₅₀ rat, (mg/kg): n.av.
 Irritation (to skin / eye): May cause eye or skin irritation with susceptible persons.
 Sensitisation : Sensitisation, exceeding the expected reactions of sensitive persons are not likely.

11.1.2 **Subacute / Chronic Toxicity:**
 Carcinogenicity: No.
 Mutagenicity: No.
 Teratogenicity: No.
 Narcotic Effects: No.

11.1.3 **Ingredients:**
Acute toxicity / Subacute / Chronic Toxicity:
 Not relevant.

SECTION 12: Ecological information

12.1 **Toxicity (Ecotoxic Effects, Aquatic Toxicity):**
Not water endangering.

12.2 **Persistence and degradability:**
The product is biodegradable.

12.3 **Bioaccumulative potential:**
Does not bioaccumulate.

12.4 **Mobility in soil:**
Does not bioaccumulate.

12.5 **Results of PBT and vPvB assessment:**
 Persistent, bioaccumulative and toxic substances (PBT-substances): None.
 Very persistent and very bioaccumulative substances (vPvB-substances): None.

12.6 **Other adverse effects**
None

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SECTION 13: Disposal considerations

13.1 **Waste treatment methods:**
Recommendation : D10
Waste - Code - No. : 07 07 99
In addition comply with the regional authorities.

SECTION 14: Transport information

Transportation by Road or Railway according to ADR/GGVS and RID/GGVE
Transportation by Vessels according to IMDG/GGVSee
Transportation by Aeroplane according to IATA-DGR/ICAO-TI
Remarks: Not dangerous goods

SECTION 15: Regulatory information

15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
Further EC – regulations:
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Additional advice:
Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) / formaldehyde / 2-bromo-2-nitropropane-1,3-diol

SECTION 16: Other information

R -phrase(s)/H -phrase(s):

None.

Further information to work out the Data sheet:

Data of the producer.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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