

Date: 08.05.2013 Former date:
This data sheet contains changes from the previous version ""

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

- 1.1 **Product identifier / Commercial Product Name:** Emtec Multi Surface Spray 50 ml, 250ml Wonder woman
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:** None known.
Use of the Substance/Preparation: Surface Cleaner Spray
Preparation No. : I 2022
Article-No: ECCLSPRMULT
Chemical nature of the preparation: Aqueous alcoholic solution
- 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: no data available, eMail: contact@emtec-international.com
Contact Person: no data available
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:
Indication of danger: Flammable.
R – Phrases:
R67 - Vapours may cause drowsiness and dizziness.
S – Phrases:
S2 - Keep out of the reach of children.
S7/9 - Keep container tightly closed and in a well-ventilated place.
S16 - Keep away from sources of ignition - No smoking.
S23 - Do not breathe vapour.
S51 - Use only in well ventilated areas.
Classification according to Regulation (EC) 1272/2008:
Signal Word: Danger
H – Phrases:
H226 - Flammable liquid and vapour.
H336 - May cause drowsiness or dizziness.
P – Phrases:
P102 - Keep out of reach of children. **(public use)**
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P271 - Use only outdoors or in a well-ventilated area.
P405 - Store locked up.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P370 + P378 - In case of fire: Use water for extinction.
P501 - Dispose of contents/container to an established disposal company or a local collecting point. **(public use)**
(P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.)
(P312 - Call a POISON CENTER or doctor/physician if you feel unwell.)
(P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.)
(P235 - Keep cool.)
() = suggestions

Commercial Product Name: Emtec Multi Surface Spray 50 ml, 250ml Wonder woman
Manufacturer, supplier: Dexxon Data Media, 79, avenue Louis Roche, 92230 Gennevilliers, France
 Telephone: + 33-9 74 504 000 **Date:** 16.04.2013 **Former date:**

- 2.2 **Label elements:**
Label elements (1999/45/EC):
 None.
Label elements (Regulation (EC) 1272/2008):



- 2.3 **Other hazards:**
Human experience:
 May form highly flammable vapour-air mixture. May cause eye/skin irritation. May cause irritation of respiratory tract. Solvents may degrease the skin. Is easily resorbed by skin. (Butanone C < 0,5 %).
Aquatic environment
 Slightly 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

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R - phrases
67-63-0	603-117-00-0	200-661-7	propan-2-ol	15 < C < 20 %	F & Xi	R11-36-67
64-17-5	603-002-00-5	200-578-6	ethanol	15 < C < 20 %	F	R11
CAS - No.	Index - No.	EC - No.	Chemical name	m% - range	pictogram(e)	H - phrases
67-63-0	603-117-00-0	200-661-7	propan-2-ol	15 < C < 20 %	GHS02 GHS07 (Danger)	H225 H319 H336
64-17-5	603-002-00-5	200-578-6	ethanol	15 < C < 20 %	F GHS02 (Gefahr Danger)	H225

H319 =Eye Irrit. 2, H225 = Flam. Liq. 2, H336 = STOT SE 3

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:
 Move to fresh air.
 If symptoms persist, call a physician.
Skin contact:
 Rinse with water.
 If skin irritation persists, call a physician.
Eye contact:
 In case of contact with eyes, rinse immediately with plenty of water.
 If eye irritation persists, consult a specialist.
Ingestion:
 Clean mouth with water and drink afterwards plenty of water.
 Consult a physician.
- 4.2 **Most important symptoms and effects, both acute and delayed:**
 Main symptoms: Headache and dizziness. Aspiration may cause pulmonary oedema and pneumonitis.
- 4.3 **Indication of any immediate medical attention and special treatment needed:**
 Later control for pneumonia and lung oedema.

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SECTION 5: Firefighting measures

- 5.1 **Extinguishing media:**
Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.
Unsuitable extinguishing media: None.
- 5.2 **Special hazards arising from the substance or mixture:**
 In the event of fire the following can be released: Carbon oxides.
- 5.3 **Advice for firefighters:** Cool containers / tanks with water spray.
Special protective equipment for firefighters:
 Special protective equipment for firefighters:

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures:**
 Use personal protective equipment. Remove all sources of ignition.
- 6.1.1 *For non-emergency personnel:*
 Use personal protective equipment. Remove all sources of ignition.
- 6.1.2 *For emergency responders:*
 Use personal protective equipment. Remove all sources of ignition.
- 6.2 **Environmental precautions:**
 Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal.
- 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. sand, silica gel, universal binder). Shovel into suitable container for disposal.
- 6.3.2 *Methods and material for cleaning up:*
 Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). 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 storage

- 7.1 **Precautions for safe handling:**
- 7.1.1 **Recommendations shall be specified to:**
 Do not breathe vapour. Keep container tightly closed in a cool, well-ventilated place. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Vapours are heavier than air and may spread along floors.
- 7.1.2 **Advice on general occupational hygiene shall be provided:**
 Do not breathe vapour. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using do not eat or drink. When using do not smoke.
- 7.2 **Conditions for safe storage, including any incompatibilities:**
 Keep away from oxidising agents.
Precautions in Case of Fire and Explosion:
 Keep away from sources of ignition - No smoking. In use, may form highly flammable vapour-air mixture. Vapours are heavier than air and may spread along floors. Keep away from direct sunlight.
Storage Instructions:
 Solvent resisting floor Keep container tightly closed in a cool, well-ventilated place. Keep away from oxidising agents.
- 7.3 **Specific end use(s):**
 Surface Cleaner Spray.
Other data:
 None.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

CAS / Material	Limit Value according to TRGS 900/ EC Guidline 2000/39:
67-63-0 / propan-2-ol	200 ppm, 500 mg / m ³
64-17-5 / ethanol	500 ppm, 960 mg / m ³

8.2 Exposure controls:

Limit Value for the substances named in section 8.1.

Personal Protective Equipment

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Respirator with filter A.

Hand Protection:

Excessive exposure: Protective gloves (Butylrubber) according to EN 374.
Break through time: > 480 Min. Glove thickness: 0,7 mm / Level 6.

Short time exposure: Protective gloves according to EN 374. (Butylrubber).
Break through time: > 30 Min. Glove thickness: 0,4 mm / Level 2.
Refer to manufacturer of gloves for detailed information.

Eye Protection: Safety glasses.

Skin Protection: Solvent-resistant clothing.

Further Information: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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: colourless
Odour: pleasant
Odour threshold: no data available

Safety Relevant Data

pH: (undiluted):	5,2 – 5,4
Boiling point/range: (°C):	90 - 98
Melting point/range : (°C):	no data available
Flash point (°C):	> 25
Evaporation Rate:	no data available
Flammability (solid, gas):	Flammable (Flam. Liquid 3)
Lower flammability or explosive limits:	2 (propan-2ol) / 3,5 (ethanol)
Upper flammability or explosive limits:	12 (propan-2ol) / 15 (ethanol)
Vapour pressure:	no data available
Vapour density ((Air = 1.0)):	no data available
Relative density (g/cm ³)	0,944
Water solubility	completely miscible
Fat solubility	applicable
Partition coefficient (n-octanol/water):	no data available
Auto-ignition temperature °C:	no data available
Decomposition temperature °C:	no data available
Viscosity	no data available
Oxidising properties:	not applicable
Explosive properties: I	n use, may form highly flammable vapour-air mixture.
Solvent (Weight %):	~ 34
VOC (g / kg):	~ 340

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9.2 **Other information:**
 Thermal decomposition (°C): no data available
 Vapour density (Air = 1): no data available
 Evaporation rate: no data available

SECTION 10: Stability and reactivity

10.1 **Reactivity:**
None.

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

10.3 **Possibility of hazardous reactions:**
Keep away from oxidising agents. Reaction with alkali metals and alkaline earth metals.

10.4 **Conditions to avoid:**
Heat, flames and sparks.

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**

11.1.2 **Mixtures**

Acute toxicity
 LC50/inhalation/4h/rat = no data available
 LD50/oral/rat = no data available
 LD50/dermal/rat = no data available
 Irritation: None.
 Corrosivity: None.
 Sensitization: None.

Subacute toxicity / Subchronic toxicity:
 Carcinogenicity: None.
 Mutagenicity: None.
 Toxicity for reproduction: There is no reason to fear a risk to humans when the exposure limit is adhered to.

11.1.1 **Substances**

Acute toxicity - propan-2-ol:
 Ingestion, LD₅₀ human, (mg/kg): 3570
 Ingestion, LD₅₀ rat, (mg/kg): 5045
 Skin - contact, LD₅₀ rabbit, (mg/kg): 12800
 Sensitization: None.

Acute toxicity - ethanol:
 Ingestion, LD₅₀ human, (mg/kg): 1400
 Ingestion, LD₅₀ rat, (mg/kg): 6200
 Sensitization: None.

Subacute toxicity / Subchronic toxicity of propan-2-ol:
 Carcinogenicity: None.
 Mutagenicity: None.
 Toxicity for reproduction: There is no reason to fear a risk to humans when the exposure limit is adhered to.

Subacute toxicity / Subchronic toxicity of ethanol:
 Carcinogenicity: Carc. 5 (DFG – Classification, Germany)
 Mutagenicity: Muta. 5 (DFG – Classification, Germany)
 Toxicity for reproduction: There is no reason to fear a risk to humans when the exposure limit is adhered to.

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SECTION 12: Ecological information

- 12.1 **Toxicity:**
Slightly water endangering
- 12.2 **Persistence and degradability:**
Biodegradable.
- 12.3 **Bioaccumulative potential (Mixture and ingredients):**
Does not bioaccumulate.
- 12.4 **Mobility in soil (Mixture and ingredients):**
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**
No data is available on the product itself.

SECTION 13: Disposal considerations

- 13.1 **Waste treatment methods:**
Methods of waste treatment of both the substance or mixture and any contaminated packaging
 Suggestions: R4 /D10
 Waste disposal number: 07 07 99

SECTION 14: Transport information

- Transportation according to ADR/GGVS, IMDG/GGVSee and IATA-DGR/ICAO-TI:**
- 14.1 **UN-Nummer:** UN 1987,
- 14.2 **UN proper shipping name:** Alcohols, n.o.s. (Isopropanol / Ethanol - Solution)
- 14.3 **Transport hazard class(es):** 3
Classification Code: F1
Risk Label: Flammable Liquid
- 14.4 **Packaging group:** III
Transport category (Tunnel restriction code): 3 (D/E)
- 14.5 **Environmental hazards:**
Marine pollutant: not applicable
- 14.6 **Special precautions for user:**
None.
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**
n.ap.

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
 Additional Information: Contains d- Limone
- 15.2 **Chemical safety assessment:** None.

SECTION 16: Other information

R – Phrases:

R11 - Highly flammable.

R67 - Vapours may cause drowsiness and dizziness. Highly flammable liquid and vapour. May cause drowsiness or dizziness.

H - Phrases:

H319 – Causes serious eye irritation.

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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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