



## SAFETY DATA SHEET MAT - STATMAT ESD MAT CLEANER

According to Regulation (EC) No 1907/2006

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>PRODUCT NAME</b>	MAT - STATMAT ESD MAT CLEANER		
<b>PRODUCT NO.</b>	MCC-MAT, MCC-MATG, MCC-MATP, MCC-MATD		
<b>SUPPLIER</b>	<b>MICROCARE EUROPE BVBA</b>	<b>MANUFACTURER</b>	<b>MICROCARE CORPORATION</b>
	Erasmuslaan 10		595 John Downey Drive
	B-1804 Cargovil (Zemst)		New Britain, CT 06019
	Belgium		United States of America
	0032 2 251 95 05		CAGE: OATV9
	0032 2 759 80 27		+1 860-827-0626
	techsupport@microcare.com		+1 860-827-8105
			techsupport@microcare.com
<b>CONTACT PERSON</b>	techsupport@microcare.com		

### 2 HAZARDS IDENTIFICATION

Causes burns.

**CLASSIFICATION** C;R34.

#### PHYSICAL AND CHEMICAL HAZARDS

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

#### HUMAN HEALTH

Prolonged skin contact may cause redness, irritation and dry skin. Mild dermatitis, allergic skin rash.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
D.I. WATER		7732-18-5	60-100%	-
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-5%	C;R35

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Place unconscious person on the side in the recovery position and ensure breathing can take place. Perform artificial respiration if breathing has stopped.

#### INHALATION

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions. Move into fresh air and keep at rest. If respiratory problems, artificial respiration/oxygen.

#### INGESTION

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Consult a physician for specific advice.

#### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water.

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### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Consult a physician for specific advice.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed immediately or cooled with water.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Closed containers can burst violently when heated, due to excess pressure build-up.

### SPECIFIC HAZARDS

Avoid contact with naked flames and hot surfaces as corrosive and toxic decomposition products can be formed.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Warn everybody of potential hazards and evacuate if necessary. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### ENVIRONMENTAL PRECAUTIONS

Contain spillages with sand, earth or any suitable adsorbent material. Avoid release to the environment.

### SPILL CLEAN UP METHODS

Large quantities should not be discharged into the drain but removed with absorbing material. Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage with shovel, broom or the like and reuse, if possible. Dispose of large amounts of spillage/waste according to agreement with local authorities.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Provide good ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes.

### STORAGE PRECAUTIONS

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

### STORAGE CLASS

Unspecified storage. This product is not flammable.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

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### RESPIRATORY EQUIPMENT

Vapours are heavier than air and may travel along the floor and in the bottom of containers. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Self-contained breathing apparatus with full facepiece.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable. If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. When using do not eat, drink or smoke.

### SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Clear Coloured liquid		
<b>COLOUR</b>	Blue		
<b>ODOUR</b>	Mild		
<b>VOLATILITY DESCRIPTION</b>	Volatile.		
<b>SOLUBILITY</b>	Completely soluble in water		
<b>Flammability</b>	This product is not flammable.		
<b>BOILING POINT (°C)</b>	100 C / 212 F	<b>BULK DENSITY</b>	1.03
<b>VOLATILE BY VOL. (%)</b>	70%	<b>pH-VALUE, DILUTED SOLUTION</b>	7.2
<b>FLAMMABILITY LIMIT - LOWER(%)</b>	Not Determined	<b>FLAMMABILITY LIMIT - UPPER(%)</b>	Not Determined

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid contact with naked flames and hot surfaces as corrosive and toxic decomposition products can be formed.

### HAZARDOUS POLYMERISATION

Will not polymerise.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

### INGESTION

May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

### SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

### EYE CONTACT

May cause temporary eye irritation.

### MEDICAL SYMPTOMS

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**MAT - STATMAT ESD MAT CLEANER****MEDICAL CONSIDERATIONS**

No information about adverse effects due to exposure.

Name

D.I. WATER

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

There are no data on the ecotoxicity of this product.

Name

D.I. WATER

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION****GENERAL**

Not regulated. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**15 REGULATORY INFORMATION****LABELLING**

Corrosive

**CONTAINS**

SODIUM HYDROXIDE

**RISK PHRASES**

R34 Causes burns.

**SAFETY PHRASES**

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S60 This material and its container must be disposed of as hazardous waste.

S2 Keep out of the reach of children

**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**16 OTHER INFORMATION****REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision.

**REVISION DATE**

13/10/2009

**REV. NO./REPL. SDS**

1

**GENERATED**

## **MAT - STATMAT ESD MAT CLEANER**

### **SAFETY DATA SHEET STATUS**

Approved.

### **DATE**

October 12, 2009

### **RISK PHRASES IN FULL**

R35	Causes severe burns.
R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

### **DISCLAIMER**

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.