### Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 15/06/2015 Revision date: 05/06/2015

### MEDI IN TOU ET CLEANER

Version: 10.0

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SECTION 1: Identification of the substance/mixture and of the company/undertaking         1.1. Product identifier         Product torm       : Mixture         Product torm       : Mixture         Product torm       : MERLIN TOILET CLEANER         Product code       :: 037.004         Type of product       :: Technical product         1.2. Relevant identified uses of the substance or mixture and uses advised against         1.2.1. Relevant identified uses         Main use category       :: Professional use         Industrial/Professional use spec       :: For professional use only         Use of the substance/mixture       :: Acidic descaling toilet cleaner         1.2.2. Uses advised against       No additional information available         1.3. Details of the supplier of the safety data sheet       VMT & CENTREMAD, OSNEY MEAD INDUSTRIAL EST OXFORD, OX2 0ES, UNTED KINGDOM Tel: 01865 722 104 Fax: 01865 790 543 Email: sales@oxfordoltysupplies.com         1.4. Emergency tumber       : Mon to Fri 8.30am to 5.00pm - 01865 722 104         SECTION 2: Hazards Identification       :         2.1. Classification of the substance or mixture       :         Classification according to Regulation (EC) No. 1272/2008 [CLP]       :         Skin Irm. 2: H315       :         Eye Irm. 2: H319       :         Full text of H-phrases: see section 16 <th>Date o</th> <th>issue: 15/06/2015 Revision date: 05/06/2015</th> <th>: Version: 10.0</th>	Date o	issue: 15/06/2015 Revision date: 05/06/2015	: Version: 10.0
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Signal word (CLP): WarningHazard statements (CLP): H315 - Causes skin irritation			
Hazard statements (CLP) : H315 - Causes skin irritation	Signal word (CLP)		
H319 - Causes serious eve irritation	0	5	
Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling	Procentionary statements (CLP)	H319 - Causes serious eye irritation	
P204 Waar eve protection, protective gloves P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P315 - Get immediate medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P405 - Store locked up P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting		<ul> <li>P280 - Wear eye protection, protective gloves</li> <li>P303+P361+P353 - IF ON SKIN (or hair): Take off in Rinse skin with water/shower</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously wircontact lenses, if present and easy to do. Continue ri</li> <li>P315 - Get immediate medical advice/attention</li> <li>P337+P313 - If eye irritation persists: Get medical ac</li> <li>P405 - Store locked up</li> </ul>	ith water for several minutes. Remove insing dvice/attention
2.3. Other hazards			

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### Substance 3.1.

Not applicable

### Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sulphamidic acid, sulphamic acid, sulfamic acid	(CAS No) 5329-14-6 (EC no) 226-218-8 (EC index no) 016-026-00-0	5 - 15	Xi; R36/38 R52/53	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: Causes eye irritation.
Symptoms/injuries after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.
4.3. Indication of any immediate media	al attention and special treatment needed
Treat symptomatically.	
<b>SECTION 5: Firefighting measures</b>	
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam.
5.2. Special hazards arising from the s	ubstance or mixture
No additional information available	
5.3. Advice for firefighters	
No additional information available	
SECTION 6: Accidental release me	asures
SECTION 6: Accidental release me 6.1. Personal precautions, protective e	
6.1. Personal precautions, protective e	asures equipment and emergency procedures
6.1.Personal precautions, protective et6.1.1.For non-emergency personnel	equipment and emergency procedures
6.1.Personal precautions, protective et6.1.1.For non-emergency personnelEmergency procedures	
6.1.Personal precautions, protective of6.1.1.For non-emergency personnelEmergency procedures6.1.2.For emergency responders	equipment and emergency procedures : Evacuate unnecessary personnel.
<ul> <li>6.1. Personal precautions, protective e</li> <li>6.1.1. For non-emergency personnel</li> <li>Emergency procedures</li> <li>6.1.2. For emergency responders</li> <li>Protective equipment</li> </ul>	equipment and emergency procedures
<ul> <li>6.1. Personal precautions, protective et</li> <li>6.1.1. For non-emergency personnel</li> <li>Emergency procedures</li> <li>6.1.2. For emergency responders</li> <li>Protective equipment</li> <li>6.2. Environmental precautions</li> </ul>	equipment and emergency procedures : Evacuate unnecessary personnel.
<ul> <li>6.1. Personal precautions, protective et</li> <li>6.1.1. For non-emergency personnel</li> <li>Emergency procedures</li> <li>6.1.2. For emergency responders</li> <li>Protective equipment</li> </ul>	equipment and emergency procedures : Evacuate unnecessary personnel.
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<ul> <li>6.1. Personal precautions, protective et</li> <li>6.1.1. For non-emergency personnel</li> <li>Emergency procedures</li> <li>6.1.2. For emergency responders</li> <li>Protective equipment</li> <li>6.2. Environmental precautions</li> <li>Avoid release to the environment.</li> </ul>	equipment and emergency procedures : Evacuate unnecessary personnel. : Use personal protective equipment as required.
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7.3. Specific end use(s)

### No additional information available

### SECTION 8: Exposure controls/personal protection

**SECTION 9: Physical and chemical properties** 

Information on basic physical and chemical properties

### **Control parameters** No additional information available

#### 8.2. **Exposure controls**

Materials for protective clothing

Hand protection

8.1.

9.1.

Eye protection

Skin and body protection

Respiratory protection



Physical state	: Liquid
Appearance	: Mobile liquid.
Colour	: Blue.
Odour	: Fresh.
Odour threshold	: No data available
рН	: 1.7
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.06
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
<b>SECTION 10: Stability and reactivity</b>	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
No additional information available	

: Not required for normal conditions of use

: Not required for normal conditions of use

: Not required for normal conditions of use

: Protective gloves

: Safety glasses

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according to Regulation (EC) No. 433/2010			
10.4.	Conditions to avoid		
No add	itional information available		
10.5.	Incompatible materials		
No add	itional information available		
10.6.	Hazardous decomposition products		

No additional information available

No additional information available	
SECTION 11: Toxicological information	tion
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation. pH: 1.7
Serious eye damage/irritation	: Causes serious eye irritation. pH: 1.7
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
12.2.       Persistence and degradability         No additional information available         12.3.       Bioaccumulative potential         No additional information available         12.4.       Mobility in soil         No additional information available         12.4.       Mobility in soil         No additional information available         12.5.       Results of PBT and vPvB assessment         No additional information available         12.6.       Other adverse effects	ent
No additional information available	
SECTION 13: Disposal consideratio	ns
13.1. Waste treatment methods	
No additional information available	
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	4DN
14.1. UN number	
Not regulated for transport	
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	· Not applicable

Transport hazard class(es) (IMDG)	: Not applicable	
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### ΙΑΤΑ

Transport hazard class(es) (IATA)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

### - Overland transport

No data available

#### - Transport by sea

No data available

### - Air transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

#### Germany

VwVwS Annex reference	: Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

### Full text of R-, H- and EUH-phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
H315	Causes skin irritation	
H319	Causes serious eye irritation	
H412	Harmful to aquatic life with long lasting effects	

### SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product