



# SAFETY DATA SHEET

## Destix MA61 Wipes

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 23.07.2014

Revision date 17.07.2017

#### 1.1. Product identifier

Product name Destix MA61 Wipes

Specification No. L03000000202

Article no. DX1112, DX2112, DX1114, DX2114, DX1115

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

Product group Disinfectant.

Relevant identified uses  
SU20 Health services  
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)  
PC8 Biocidal Products (e.g. Disinfectants, pest control)  
PROC10 Roller application or brushing  
ERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

##### Registrant

Company name Kleinmann GmbH

Postal address Am Trieb 13

Postcode D-72820

City Sonnenbuehl

Country Germany

Tel +49(0)7128/9292-15

Fax +49(0)7128/9292-415

E-mail [chemie@kleinmann.net](mailto:chemie@kleinmann.net)

Website <http://www.kleinmann.net>

Enterprise no. DE 146 487

## 1.4. Emergency telephone number

Emergency telephone	Tel: +49(0)7128/9292-15 Description: 8-12, Mo.-Fr.
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## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE3; H336
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### 2.2. Label elements

#### Hazard Pictograms (CLP)



Composition on the label	Ethanol 24 g, 1-Propanol 37 g, / 100 g
Signal word	Danger
Hazard statements	H225 Highly flammable liquid and vapour. H318 Causes Serious eye damage. H336 May cause drowsiness or dizziness.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P280 Wear protective gloves / protective clothing / eye protection / face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician.

### 2.3. Other hazards

Description of hazard	The product is highly flammable and may be ignited even after short contact with an ignition source. Vapours may cause drowsiness and dizziness. Risk of serious damage to eyes.
Environmental effects	This product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Wipes containing:			
Ethanol	CAS no.: 64-17-5 EC no.: 200-578-6 Index no.: 603-002-00-5	Flam. Liq. 2;H225	15 – 30 %
1-Propanol	CAS no.: 71-23-8 EC no.: 200-746-9 Index no.: 603-003-00-0	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE3; H336	30 – 60 %
Substance comments	>30%: Disinfectant .		

The full text for all hazard statements is displayed in section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water.
Eye contact	Important! Immediately rinse with water for at least 15 minutes. May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Immediately transport to hospital or eye specialist. Continue flushing during transport to hospital.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
Delayed symptoms and effects	Inhalation of high vapour concentrations may cause symptoms such as mild irritation, headache, dizziness, fatigue, nausea and in serious cases unconsciousness.

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

Other Information	In case of unconsciousness or eye contact: Immediately call a doctor / ambulance. Show this safety data sheet.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Closed containers can burst violently when heated, due to excess pressure build-up. During fire, gases hazardous to health may be formed.
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### 5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.
Fire fighting procedures	Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Containers close to fire should be removed immediately or cooled with water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures    Wear necessary protective equipment. For personal protection, see section 8. Do not smoke or use open fire, or other sources of ignition.

### 6.2. Environmental precautions

Environmental precautionary measures    Avoid discharge into water courses or onto the ground.  
Contact local authorities in case of spillage to drain/aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Cleaning method    Absorb spillage with non-combustible, absorbent material. Wash contaminated area with water.

### 6.4. Reference to other sections

Other instructions    See section 8 and section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling    Avoid inhalation of vapours/spray and contact with skin and eyes.  
Keep away from heat, sparks and open flame.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage    Store in tightly closed original container in a well-ventilated place. Do not store near heat sources or exposed to high temperatures.

Other Information    Follow rules for flammable liquids.

### Conditions for safe storage

Storage Temperature    Value: -5 – 25 °C.

Storage Stabilit    Durability: 24 months.

### 7.3. Specific end use(s)

Specific use(s)    The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Ethanol	CAS no.: 64-17-5	TWA (8h): 1000 ppm TWA (8h): 1920 mg/m <sup>3</sup>	
1-Propanol	CAS no.: 71-23-8	TWA (8h): 500 mg/m <sup>3</sup> , H TWA (8h): 200 ppm, H	TWA Year: 2007

### DNEL / PNEC

Summary of risk management measures, human    Data lacking.

Summary of risk management measures, environment

Data lacking.

## 8.2. Exposure controls

Limitation of exposure on workplace

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

### Safety signs



### Eye / face protection

Suitable Eye Protection

Wear approved safety goggles. (EN 166).

### Hand protection

Skin-/ hand protection, long term contact

Hand protection is not required for normal use.

### Skin protection

Additional skin protection measures

No special precautions.

### Respiratory protection

Respiratory protection necessary at

In case of inadequate ventilation wear respiratory protection. Type A (EN 143/EN149)

### Thermal hazards

Thermal hazards

See section 5.

### Appropriate environmental exposure control

Environmental exposure controls

See section 6.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	wet wipes
Colour	Colourless.
Odour	Odour of alcohol.
pH	Status: In delivery state Value: ~ 8,0
Melting point / melting range	Comments: No data recorded.
Boiling point / boiling range	Comments: No data recorded.
Flash point	Value: 28 °C
Evaporation rate	Comments: No data recorded.
Flammability (solid, gas)	Not determined.

Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Specific gravity	Value: ~ 0,89 kg/l.
Solubility description	Completely soluble in water.
Partition coefficient: n-octanol/water	Comments: Not determined.
Spontaneous combustability	Comments: Not determined.
Decomposition temperature	Comments: Not determined.
Viscosity	Comments: Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

## 9.2. Other information

### Physical hazards

Content Of Voc Value: ~ 536 g/l

### Other physical and chemical properties

Comments No data recorded.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions See section 10.4 and section 10.5.

### 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

Materials to avoid No information.

### 10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

### Other information

Other Information No data recorded.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	No data available for ingredient(s).
Acute toxicity	<b>Type of toxicity:</b> Acute <b>Effect Tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Duration:</b> - <b>Value:</b> - <b>Animal test species:</b> - <b>Comments:</b> -
Other toxicological data	Toxicological tests on the product has not been performed.

### Other information regarding health hazards

Assessment of acute toxicity classification	No evidence for acute toxicity.
Inhalation	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Vapours and spray mist may irritate throat and respiratory system and cause coughing.
Skin contact	Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.
Eye contact	May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Sensitisation	No evidence for respiratory nor skin sensitization.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ toxicity RE, classification	No evidence for STOT-repeated exposure.
Assessment aspiration hazard classification	No evidence for aspiration hazard.

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic, comments	No data available for the product.
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### 12.2. Persistence and degradability

Persistence and degradability	The product is easily biodegradable.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	The product is not bioaccumulating.
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### 12.4. Mobility in soil

Mobility	The product is miscible with water. May spread in water systems.
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## 12.5. Results of PBT and vPvB assessment

PBT assessment results Not Classified as PBT/vPvB by current EU criteria.

## 12.6. Other adverse effects

Environmental details, summation For this product no classification is required for environmental hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of waste and residues in accordance with local authority requirements.
EWC waste code	EWC waste code: 0706 Classified as hazardous waste: Yes
EWL Packing	EWC waste code: 0706 Classified as hazardous waste: Yes
Other Information	When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.

## SECTION 14: Transport information

### 14.1. UN number

ADR / RID / ADN	3175
IMDG	3175
ICAO/IATA	3175

### 14.2. UN proper shipping name

Proper Shipping Name English ADR/RID/ADN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
ADR / RID / ADN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name / Danger releasing substance ADR/RID/ADN	Ethanol, 1-propanol
IMDG	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name / Danger releasing substance IMDG	Ethanol, 1-propanol
ICAO/IATA	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name / Danger releasing substance ICAO	Ethanol, 1-propanol

### 14.3. Transport hazard class(es)

ADR / RID / ADN	4.1
Class Code ADR / RID / ADN	F1
IMDG	4.1
ICAO/IATA	4.1



**14.4. Packing group**

ADR / RID / ADN	II
IMDG	II
ICAO/IATA	II

**14.5. Environmental hazards**

IMDG Marine pollutant	No
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**14.6. Special precautions for user**

Special safety precautions for user	Not relevant.
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**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Product name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
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**Additional information.**

ADR / RID / ADN Hazard label	4.1
IMDG Hazard label	4.1
ICAO /IATA Hazard label	4.1

**ADR / RID - Other information**

Tunnel restriction code	E
Transport category	2
Hazard no.	40

**IMDG / ICAO / IATA Other information**

EmS	F-A, S-I
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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other Label Information	For professional users only.
Legislation and regulations	<p>The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).  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.</p> <p>The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).  The Cosmetic Products (Safety) Regulations 2003 (S.I 2003 No. 835).  REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.</p>

REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.

## 15.2. Chemical safety assessment

Chemical safety assessment performed No

### SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3).	H225 Highly flammable liquid and vapour. H318 Causes Serious eye damage. H336 May cause drowsiness or dizziness.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE3; H336
Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Information which has been added, deleted or revised	Change to Sections: 1, 3, 4, 8, 9, 11, 12, 13, 15, 16
Prepared by	MP