

Safety Data Sheet

Maxi 3 All round

Replaces date: 26/04/2019

Revision date: 21/08/2019

Version: 3.0.0

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

1.1. Product identifier

Trade name: Maxi 3 All round

Article no

Article no	Description
11113	

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

Recommended uses: Alkaline cleaning fluid.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Besma International Chem A/S
Address: Friis Hansens Vej 6
Zip code: 7100
City: Vejle
Country: DENMARK
E-mail: besma@besma.dk
Phone: +45 7585 7433
Homepage: www.besma.dk

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Eye Dam. 1;H318

Most serious harmful effects: Causes serious eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

H-phrases

H318 Causes serious eye damage.

P-phrases

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P280	Wear protective gloves/eye protection/face protection.
P305+351+338	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/doctor.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl) - .omega.-hydroxy-	160875-66-1			1 - 3%		Acute Tox. 4;H302 Eye Dam. 1;H318
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride	1554325-20-0	810-152-7		1 - 3%		Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318
Alcohols, C9-11, ethoxylated	68439-46-3			1 - 3%		Eye Irrit. 2;H319

Please see section 16 for the full text of H-phrases.

Ingredient comments: Pursuant to Regulation (EC) No. 648/2004 on detergents:
less than 5%:
phosphates
non-ionic surfactants
cationic surfactants

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

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

Treat symptoms. No special immediate treatment required.

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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air. Hazardous fumes are formed in fire conditions.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stop leak if this can be done without risk. Wear gloves. Wear safety goggles if there is a risk of eye splash.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Storage temperature: 5 - 25 °C. Keep in tightly closed original packaging. Shelf life: minimum 5 years from opening the packaging.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Legal basis: EH40/2005 Workplace exposure limits. Last amended August 2018.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

Other Information: Contains no substances subject to reporting requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Green
Odour	Weak
Solubility	No data
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	9.5	1 %
pH (concentrate)	11.4	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	1.02	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	

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Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Acids.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000mg/kg			

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride, cas-no 1554325-20-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		300 - 2000mg/kg			

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)- .omega.-hydroxy-, cas-no 160875-66-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		700 - 1700mg/kg			Supplier MSDS

The product does not have to be classified. Test data are not available for all substances

Acute toxicity - dermal

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		> 2000mg/kg			

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)- .omega.-hydroxy-, cas-no 160875-66-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source

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Rabbit			> 2000mg/kg			Supplier MSDS
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The product does not have to be classified. Test data are not available for all substances

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Non-irritating		

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-, cas-no 160875-66-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Non-irritating		Supplier MSDS

The product does not have to be classified. Test data are not available for all substances May irritate the skin - may cause reddening.

Serious eye damage/eye irritation: Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

Respiratory sensitisation or skin sensitisation

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Guinea pig				Non-sensitising		

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride, cas-no 1554325-20-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				Non-sensitising		

The product does not have to be classified. Test data are not available.

Germ cell mutagenicity

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride, cas-no 1554325-20-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
				No mutagenic effects observed.	Ames test	

The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product does not have to be classified. Test data are not available.

Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		96hLC50	1 - 10mg/l			
Crustacea	Daphnia magna		48hEC50	1 - 10mg/l			
Algae	Skeletonema costatum		72hEC50	1 - 10mg/l			

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride, cas-no 1554325-20-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			96hLC50	10 - 100mg/l			
Crustacea	Daphnia sp.		48hEC50	1 - 10mg/l			
Algae			72hEC50	1 - 10mg/l			

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)- .omega.-hydroxy-, cas-no 160875-66-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna		48hEC50	10 - 100mg/l			Supplier SDS
Algae	Scenedesmus subspicatus		72hEC50	10 - 100mg/l			Supplier SDS
Fish	Oncorhynchus mykiss		96hLC50	10 - 100mg/l			Supplier SDS

The product does not have to be classified. Test data are not available for all substances

12.2. Persistence and degradability

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.		

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride, cas-no 1554325-20-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.	OECD 301 D	

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)- .omega.-hydroxy-, cas-no 160875-66-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.		

The product(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

Alcohols, C9-11, ethoxylated, cas-no 68439-46-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				2.4			

Test data are not available for all substances No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

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12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not discharge large quantities of concentrated spills and residue into drains.

Collect concentrated spills and major waste in closed, leak-proof containers for disposal at the applicable hazardous waste site with the below specifications.

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

Empty, cleansed packaging should be disposed of for recycling.

Category of waste: 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

SECTION 14: Transport information

14.1. UN-No.: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: Covered by:
Regulation (EC) of the European Parliament and of the Council on detergents. (as subsequently amended)

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
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3.0.0	21/08/2019	Bureau Veritas HSE / THS	2,3,4,11,15,16
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Abbreviations: PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

List of relevant H-statements

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

SDS is prepared by

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