

SAFETY DATA SHEET**PrimeSource Universalrengøring BioDor / Spray**

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 02.02.2012

Revision date 18.10.2018

1.1. Product identifier

Product name PrimeSource Universalrengøring BioDor / Spray

Article no. 100525

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

Product group Deodorizer.

Relevant identified uses
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC35 Washing and cleaning products (including solvent based products)
PROC11 Non-industrial spraying
ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet**Distributor**

Company name MultiLine A/S

Office address Alsvej 14, 8940 Randers SV

Postal address Kirkebjergvej 17

Postcode DK-4180

City Sorø

Country Danmark

Telephone number +45 7010 7700

Email psa@multiline.dk

Website <http://www.multiline.dk>

1.4. Emergency telephone number

Emergency telephone

Description: UK: NHS: 111
 EI: National Poisons Information Centre, 24/7: 01 809 2166

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Substance / mixture hazardous properties The product is not classified.

2.2. Label elements

Hazard statements

EUH 208 Contains 1,2-Benzisothiazol-3(2H)-one, 5-chloro-2-methyl-4-isothiazolin-3-one/ 2-methyl-4-isothiazolin-3-one May produce an allergic reaction.
 EUH 210 Safety data sheet available on request.

2.3. Other hazards

Health effect

May be slightly irritating to skin and eyes.
 See section 11 for additional information on health hazards.

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	Notes
sodium xylene sulfonate	CAS No.: 1300-72-7 EC No.: 215-090-9 REACH Reg. No.: 01-2119513350-56-xxxx	Eye Irrit. 2; H319	1 - 5 %	
1,2-Benzisothiazol-3(2H) -one	CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Additional information on classification: SCL: H317: C ≥ 0, 05%	0,005 < 0,05 %	
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	CAS No.: 55965-84-9 Index No.: 613-167-00-5	Acute tox. 3; H301 Acute tox. 3; H311 Skin Corr 1B; H314 Skin Sens. 1; H317 Acute tox. 3; H331 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Additional information	0,00015 < 0,0015 %	

on classification: Skin
 Corr. 1B; H314: C ≥
 0,6 %
 Skin Irrit. 2;H315: 0,
 06 % ≤ C < 0,6 %
 Eye Irrit. 2; H319: 0,
 06 % ≤ C < 0,6 %
 Skin Sens. 1; H317:
 C ≥ 0,0015 %

Substance comments Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:
 Containing a mixture of microorganisms of the type Bacillus.
 <5%: nonionic surfactant
 <1% perfume , 1,2-Benzothiazolin-3-on , 5-chloro-2-methyl-4-isothiazolin-3-one/
 2-methyl-4-isothiazolin-3-one .
 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. Contact physician if discomfort continues.
Eye contact	Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if irritation persists.
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	May be slightly irritating to skin and eyes.
Delayed symptoms and effects	No known long term effects.

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

Other information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.
-------------------	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
------------------------------	---

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

This product is not flammable. During fire, gases hazardous to health may be formed.

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. Avoid breathing fire vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Avoid contact with eyes.

6.2. Environmental precautions

Environmental precautionary measures

Avoid discharge into water courses or onto the ground. Prevent discharge of larger quantity to drain. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Cleaning method

Smaller quantities of residue may be collected by an absorbent. 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

No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container.

Conditions for safe storage

Storage temperature

Value: 0 - 35 °C

Storage stability

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	Exposure limits	TWA Year
sodium xylene sulfonate	CAS No.: 1300-72-7		
1,2-Benzisothiazol-3(2H) -one	CAS No.: 2634-33-5		
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	CAS No.: 55965-84-9		
Other Information about threshold limit values	No data recorded.		

DNEL / PNEC

Substance	sodium xylene sulfonate
DNEL	<p>Group: Consumer Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 13,2 mg/m³ Reference: ECHA</p> <p>Group: Worker Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 7,6 mg/kg bw/day Reference: ECHA</p> <p>Group: Worker Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 53.6 mg/m³ Reference: ECHA</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Oral - Systemic effect Value: 3,8 mg/kg bw/day Reference: ECHA</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 3,8 mg/kg bw/day Reference: ECHA</p>
Summary of risk management measures, environment	Data lacking.

8.2. Exposure controls

Precautionary measures to prevent exposure

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

Eye / face protection

Suitable eye protection	Eye protection is not required under normal conditions.
-------------------------	---

Hand protection

Skin- / hand protection, long term contact Under normal conditions of use gloves are not normally required.

Skin protection

Additional skin protection measures No special precautions.

Respiratory protection

Respiratory protection necessary at Under normal conditions of use respiration protection should not be required.

Thermal hazards

Thermal hazards None specific.

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	Fluid.
Colour	Colourless to pale yellow.
Odour	Perfume.
pH	Status: In delivery state Value: ~ 8,5 Status: In aqueous solution Comments: Not relevant.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.
Evaporation rate	Comments: Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Relative density	Comments: Not relevant.
Bulk density	Value: ~ 1,00 kg/l
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.

Viscosity	Comments: Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Comments	No data recorded.
----------	-------------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known 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	No information.
------------------------------------	-----------------

10.4. Conditions to avoid

Conditions to avoid	No information.
---------------------	-----------------

10.5. Incompatible materials

Materials to avoid	No information.
--------------------	-----------------

10.6. Hazardous decomposition products

Hazardous decomposition products	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.
----------------------------------	--

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	sodium xylene sulfonate
Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Duration: single dose Value: > 7000 mg/kg bw Animal test species: rat Test reference: OECD 401 Comments: ECHA Type of toxicity: Acute Effect tested: LC50

	<p>Route of exposure: Inhalation. Value: Comments: no data. ECHA</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Duration: - Value: > 2000 mg/kg bw Animal test species: rabbit Test reference: OECD 402 Comments: ECHA</p>
Substance	1,2-Benzisothiazol-3(2H)-one
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 1150 mg/kg Animal test species: Mouse</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 597 mg/kg Animal test species: Rat</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg</p>
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	No known chronic or acute health risks.
Skin contact	Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.
Eye contact	May cause temporary eye irritation.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Sensitisation	May cause an allergic skin reaction.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity, other information	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ toxicity - single exposure, classification	No evidence for STOT-single exposure.

Assessment of specific target organ toxicity - repeated exposure, classification No evidence for STOT-repeated exposure.

Assessment of aspiration hazard, classification No evidence for aspiration hazard.

Symptoms of exposure

Symptoms of overexposure No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Substance 1,2-Benzisothiazol-3(2H)-one

Aquatic toxicity, fish
Value: 0,74 mg/l
Test duration: 96h
Method: LC50

Substance 1,2-Benzisothiazol-3(2H)-one

Aquatic toxicity, crustacean
Value: 2,44 mg/l
Test duration: 48h
Species: Daphnia magna
Method: EC50

Ecotoxicity The product is not expected to be hazardous to the environment.

Aquatic, comments No data recorded.

12.2. Persistence and degradability

Persistence and degradability, comments The product is easily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is water soluble and may spread in water systems.

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	Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements. -
EWC waste code	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: No
EWL packing	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: No
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

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

14.2. UN proper shipping name

Comments	Not relevant.
----------	---------------

14.3. Transport hazard class(es)

Comments	Not relevant.
----------	---------------

14.4. Packing group

Comments	Not relevant.
----------	---------------

14.5. Environmental hazards

Comments	Not relevant.
----------	---------------

14.6. Special precautions for user

Special safety precautions for user	Not relevant.
-------------------------------------	---------------

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

Additional information

Additional information	Not relevant.
------------------------	---------------

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).</p> <p>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). EH40/2005, Workplace exposure limits 2005, with amendments.</p> <p>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> <p>REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.</p>
-----------------------------	---

15.2. Chemical safety assessment

Chemical safety assessment performed	No
--------------------------------------	----

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes Serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H331 Toxic if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p>
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 added, deleted or revised	Change to Sections: 1, 16
Version	9
Prepared by	ALM