

SAFETY DATA SHEET

Prime Source Glasrens Mild

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 17.09.2012

Revision date 11.10.2018

1.1. Product identifier

Product name Prime Source Glasrens Mild

Article no. 115951

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

Product group Glass cleaner.

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
- ERC8D Wide dispersive outdoor 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

Downstream user

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 substance or mixture

Substance / mixture hazardous properties

The product is not classified. Not regarded as a health or environmental hazard under current legislation. For further information, please refer to section 11.

2.2. Label elements

Hazard statements

EUH 210 Safety data sheet available on request.

2.3. Other hazards

Health effect

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. 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
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 REACH Reg. No.: 01-2119457610-43-xxxx	Flam. Liq. 2; H225	5 - 15 %
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0 REACH Reg. No.: 01-2119457558-25-XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	1 - 5 %

Substance comments

-
 <5%: anionic surfactant , nonionic surfactant .
 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	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.
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.
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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.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	When heated flammable vapors are formed. Vapours may form explosive mixtures with air.
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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. Avoid breathing fire vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Avoid inhalation of vapours and aerosols and contact with skin and eyes. Wear necessary protective equipment. For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to aquatic environment.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Absorb spillage with non-combustible, absorbent material. Dam and absorb spillages with sand, earth or other non-combustible material. Wash contaminated area with water.
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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 in a well-ventilated place.

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) : 1900 mg/m ³	TWA Year: 2011
Propan-2-ol	CAS No.: 67-63-0	TWA (8h) : 200 ppm TWA (8h) : 490 mg/m ³	TWA Year: 2011

DNEL / PNEC

Substance

Ethanol

DNEL

Group: Consumer**Route of exposure:** Long-term oral (systemic)**Value:** 87 mg/kg bw/day**Comments:** ECHA**Group:** Professional**Route of exposure:** Acute inhalation (local)**Value:** 1900 mg/m³**Comments:** ECHA**Group:** Professional**Route of exposure:** Long-term dermal (systemic)**Value:** 343 mg/kg bw/day**Comments:** ECHA**Group:** Professional**Route of exposure:** Long-term inhalation (systemic)**Value:** 950 mg/m³**Comments:** ECHA**Group:** Consumer**Route of exposure:** Long-term inhalation (systemic)**Value:** 114 mg/m³**Comments:** ECHA

PNEC

Group: Consumer
Route of exposure: Acute inhalation (local)
Value: 950 mg/m³
Comments: ECHA

Group: Consumer
Route of exposure: Long-term dermal (systemic)
Value: 206 mg/kg bw/day
Comments: ECHA

Route of exposure: Sediment
Value: 2,9 mg/L

Route of exposure: Water
Value: 0,96 mg/L

Route of exposure: Water
Value: 0,79 mg/L

Route of exposure: Water
Value: 2,75 mg/L

Route of exposure: Sewage treatment plant STP
Value: 580 mg/L

Route of exposure: Sediment
Value: 3,6 mg/kg sediment dw

Route of exposure: Soil
Value: 0,63 mg/kg soil dw
Comments: ECHA

Substance

Propan-2-ol

DNEL

Group: Consumer
Route of exposure: Long-term inhalation (systemic)
Value: 89 mg/m³
Comments: ECHA

Group: Professional
Route of exposure: Long-term dermal (systemic)
Value: 888 mg/kg bw/day
Comments: ECHA

Group: Professional
Route of exposure: Long-term inhalation (systemic)
Value: 500 mg/m³
Comments: ECHA

Group: Consumer
Route of exposure: Long-term dermal (systemic)
Value: 319 mg/kg bw/day
Comments: ECHA

Group: Consumer
Route of exposure: Long-term oral (systemic)
Value: 26 mg/kg bw/day

PNEC

Comments: ECHA**Route of exposure:** Sewage treatment plant STP
Value: 2251 mg/l**Route of exposure:** Soil
Value: 25 mg/kg**Route of exposure:** Freshwater
Value: 140,9 mg/l**Route of exposure:** Saltwater sediments
Value: 552 mg/kg**Route of exposure:** Freshwater sediments
Value: 552 mg/kg**Route of exposure:** Saltwater
Value: 140,9 mg/l**Value:** 140,9**Comments:** Intermittent releases

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

In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

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	Liquid.
Colour	Colourless to pale yellow.
Odour	Odour of alcohol.
pH	Status: In delivery state Value: ~ 10,5
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Negative results are obtained in sustained combustibility test L.2., Part III, section 32 of the UN RTDG, Manual of Tests and Criteria, and classification as Flammable liquid and vapour in Category 3, is not needed.
Evaporation rate	Comments: No data recorded.
Flammability (solid, gas)	Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: No data recorded.
Vapour density	Comments: No data recorded.
Bulk density	Value: ~ 0,95 kg/l.
Solubility	Comments: Miscible with water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustibility	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Value: < 50 mPa s
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 None.

10.4. Conditions to avoid

Conditions to avoid None.

10.5. Incompatible materials

Materials to avoid None in particular.

10.6. Hazardous decomposition products

Hazardous decomposition products In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance Ethanol

Acute toxicity

Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Oral
Value: 10470 mg/kg
Animal test species: Rat
Test reference: OECD Guideline 401

Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Inhalation.
Duration: 4 hour(s)
Value: 117 -125 mg/L
Animal test species: Rat
Test reference: OECD Guideline 401

Substance

Propan-2-ol

Acute toxicity

Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Oral
Value: 5840 mg/kg
Animal test species: Rat
Test reference: OECD Guideline 401
Comments: ECHA

Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Inhalation.
Duration: 6 hour(s)
Value: > 10000 ppm
Animal test species: Rat

Test reference: OECD Guideline 403

Comments: ECHA

Type of toxicity: Acute

Effect tested: LD50

Route of exposure: Dermal

Duration: 24 hour(s)

Value: 16,4 ml/kg

Animal test species: Rabbit

Test reference: OECD Guideline 402

Comments: ECHA

Substance

No data available for ingredient(s).

Acute toxicity

Type of toxicity: Acute

Effect tested: LD50

Route of exposure: Oral

Duration: -

Value: - -

Animal test species: -

Comments: -

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.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

May cause temporary eye irritation.

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, other information

No evidence for carcinogenicity.

Reproductive toxicity

No evidence for reproductive toxicity.

Assessment of specific target organ SE, classification

No evidence for STOT-single exposure.

Assessment of specific target organ toxicity RE, classification

No evidence for STOT-repeated exposure.

Assessment of aspiration hazard, classification

No evidence for aspiration hazard.

Symptoms of exposure

Symptoms of overexposure

Dizziness.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Propan-2-ol
Acute aquatic, fish	Value: 8970 - 9280 mg/l Test duration: 48 hour(s) Species: Leuciscus idus melanotus Method: LC50
Substance	Propan-2-ol
Acute aquatic, algae	Value: 1800 mg/l Test duration: 8 day(s) Species: Scenedesmus quadricauda Method: TGK
Substance	Propan-2-ol
Acute aquatic, Daphnia	Value: 9715 mg/l Test duration: 24 hour(s) Species: Daphnia magna Method: LC50
Ecotoxicity	The product is not expected to be hazardous to the environment.
Aquatic, comments	No data available for the product.

12.2. Persistence and degradability

Substance	Propan-2-ol
Biodegradability	Value: 95 % Method: OECD 301E Test period: 21 day(s)
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 miscible with water. 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 in a safe way. 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

Dangerous goods No

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 73/78 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	The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). EH40/2005, Workplace exposure limits 2005, with amendments. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents. 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. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
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	7
Prepared by	ALM