

SAFETY DATA SHEET

Prime Source Toiletrengs Ren 65

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 20.03.2013

Revision date 10.12.2020

1.1. Product identifier

Product name Prime Source Toiletrengs Ren 65

UFI T710-G0WN-1005-30AU

Article no. 100520

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

Product group Sanitary Cleaning agent.

Main intended use PC-CLN-11.2 Toilet cleaners

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)
- PROC19 Manual activities involving hand contact.
- 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

Classification according to
Regulation (EC) No 1272/2008
[CLP / GHS]

Skin Corr. 1C; H314; Calculation method

Eye Dam. 1; H318; Calculation method

Substance / mixture hazardous
properties

For further information, please refer to section 11.

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label

Hydrochloric acid, Citric acid, monohydrate

Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves / protective clothing / eye protection / face protection.
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.
P310 Immediately call a POISON CENTER or doctor / physician.

2.3. Other hazards

Physicochemical effects

In contact with compounds containing chlorine, toxic gases may form. Generates strong heat in contact with alkaline compounds, risk of bumping.

Health effect

Corrosive to skin and eyes. May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY. See section 11 for additional information on health hazards.

Environmental effects

Substantial amounts of the product may lead to a local change in acidity in small water systems which may have adverse effects on aquatic organisms. This product does not contain any PBT or vPvB substances.

Other hazards

No evidence for endocrine disrupting properties.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Hydrochloric acid	CAS No.: 7647-01-0 EC No.: 231-595-7 Index No.: 017-002-01-X REACH Reg. No.: 01-2119484862-27-xxxx	Met. Corr. 1; H290 Skin Corr. 1B; H314 STOT SE 3; H335 Additional information on classification: SCL: ≥ 0,1 %: Met. Corr. 1, H290; ≥ 25 %: Skin Corr. 1B, H314; 10 < 25 %: Skin Irrit. 2, H315; 10 < 25 %: Eye Irrit. 2, H319; ≥ 10 %: STOT SE 3, H335; Note : B	1 – 5 %	
Citric acid, monohydrate	CAS No.: 5949-29-1 EC No.: 201-069-1 REACH Reg. No.: 01-2119457026-42-xxxx	Eye Irrit. 2; H319	1 – 5 %	

Substance comments

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:
 <5%: nonionic surfactant , cationic 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	Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.
Skin contact	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.
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	Immediately rinse mouth and drink plenty of water. Call an ambulance. Bring along these instructions. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Do not give victim anything to drink if he is unconscious.
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	Strongly corrosive. May cause deep tissue damage. Strongly corrosive. Causes
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	severe burns and serious eye damage. Immediate first aid is imperative.
Delayed symptoms and effects	The etching penetrates deeply into the tissue and is first noticed after a while.

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

Other information	In case of unconsciousness, ingestion 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	Use fire-extinguishing media appropriate for surrounding materials.
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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. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.
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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	Look out! The product is corrosive. Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation use suitable respirator. For personal protection, see section 8.
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6.2. Environmental precautions

Environmental precautionary measures	Contact local authorities in case of spillage to drain/aquatic environment.
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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.
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6.4. Reference to other sections

Other instructions	See section 8 and section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid contact with skin and eyes. Do not mix with hypochlorite containing
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products: toxic chlorine vapors may be formed. Use work methods which minimize spreading of vapours, dust, smoke, aerosols, splashes etc. to the extent technically possible.

Protective safety measures

Advice on general occupational hygiene

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.
Eating, smoking and water fountains prohibited in immediate work area.
Take off contaminated clothing and personal protective equipment before entering an eating area..

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container. Keep away from food, drink and animal feeding stuffs. Store separated from: Chlorine and Alkalis. Store the product away from direct sunlight in opaque containers.

Conditions for safe storage

Storage temperature

Value: 0 – 35 °C

Storage stability

Durability: 36 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
Hydrochloric acid	CAS No.: 7647-01-0	Limit value (8 h) : 2 mg/m3 Limit value (8 h) : 1 ppm Limit value (short term) Value: 5 ppm Limit value (short term) Value: 8 mg/m3	TWA Year: 2011

DNEL / PNEC

Substance

Hydrochloric acid

DNEL

Group: Professional
Route of exposure: Long term (repeated) – Inhalation – Local effect
Value: 8 mg/m3

Group: Professional
Route of exposure: Short term (acute) – Inhalation – Local effect
Value: 15 mg/m3

PNEC

Route of exposure: Sewage treatment plant STP
Value: 0,036 mg/l

Route of exposure: Freshwater
Value: 0,036 mg/l

Route of exposure: Saltwater
Value: 0,036 mg/l
Value: 0,045 mg/l
Reference: Intermittent release

8.2. Exposure controls

Safety signs



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. An eye wash bottle must be available at the work site.

Eye / face protection

Suitable eye protection

Wear approved safety goggles. EN 166.

Hand protection

Skin- / hand protection, long term contact

Use protective gloves made of:
 Butyl rubber. $\geq 0,7$ mm
 Neoprene. $\geq 0,5$ mm
 EN 374.

Breakthrough time

Value: ≥ 480 minute(s)

Hand protection, comments

Manufacturer's directions for use should be observed because of great diversity of types.
 The recommendation is a qualified estimate based on knowledge of the components.

Skin protection

Additional skin protection measures

Wear apron or protective clothing in case of contact. Wear rubber footwear.

Respiratory protection

Respiratory protection necessary at

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

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	Fluid.
Colour	Red.
Odour	No characteristic odour.
pH	Status: In delivery state Value: < 1 Status: In aqueous solution Value: ~ 2,5 Comments: 15°dH Concentration: 1 %
Melting point / melting range	Comments: Not relevant.
Freezing point	Value: -3 °C
Boiling point / boiling range	Comments: Not relevant.
Flash point	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.
Auto-ignition temperature	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Value: < 50 m.Pa.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.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Liberates toxic gases when mixed with chlorine containing products. Reacts with alkalis and generates heat. Risk of bumping (splashes).

10.4. Conditions to avoid

Conditions to avoid Strong alkalis. Chlorine containing products. Corrodes aluminum and other light metals, as well as zinc, brass, lead, tin, etc.

10.5. Incompatible materials

Materials to avoid Alkali-sensitive metals such as aluminium, tin, lead and zinc and alloys with these metals.

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 Citric acid, monohydrate

Acute toxicity
Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Oral
Value: 3000 mg/kg
Animal test species: Rat

Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Oral
Value: 5400 mg/kg
Animal test species: Mice

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 Aerosols may be corrosive. Inhalation may cause: Serious damage to the lining of nose, throat and lungs.

Skin contact Strongly corrosive. May cause deep tissue damage.

Eye contact Strongly corrosive. Causes severe burns. Immediate first aid is imperative. May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY.

Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
Sensitisation	No evidence for respiratory nor skin sensitization.
Assessment of germ cell mutagenicity, classification	No evidence for germ cell mutagenicity.
Assessment of carcinogenicity, classification	No evidence for carcinogenicity.
Assessment of reproductive toxicity, classification	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

Endocrine disruption	No evidence for endocrine disrupting properties.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	Citric acid, monohydrate
Aquatic toxicity, fish	Value: 440-760 mg/L Test duration: 96h Species: Leuciscus idus Method: LC50
Substance	Citric acid, monohydrate
Aquatic toxicity, algae	Value: 640 mg/L Test duration: 168h Species: Scenedesmus quadricauda Method: EC0
Substance	Citric acid, monohydrate
Aquatic toxicity, crustacean	Value: 120 mg/L Test duration: 72h Species: Daphnia Magna Method: EC100
Ecotoxicity	Large amounts of the product may affect the acidity (pH-factor) in water with possible risk of harmful effects to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	The product is easily biodegradable.
Substance	Citric acid, monohydrate

Biodegradability	Value: 97%
	Method: OECD 301B
	Test period: 28d

12.3. Bioaccumulative potential

Bioaccumulation, evaluation	The product is not bioaccumulating.
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12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not Classified as PBT/vPvB by current EU criteria.
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12.6. Other adverse effects

Potential endocrine disruptor	Comments: No evidence for endocrine disrupting properties.
Additional ecological information	For this product no classification is required for environmental hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	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. -
Appropriate methods of disposal for the contaminated packaging	Dispose unused product and the packaging in accordance with local requirements.
EWC waste code	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
EWL packing	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
Other information	Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	3265
IMDG	3265
ICAO/IATA	3265

14.2. UN proper shipping name

Proper shipping name English CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
ADR/RID/ADN

Technical name/Danger releasing
substance English ADR/RID/ADN Hydrochloric acid, Citric Acid

ADR/RID/ADN CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical name/danger releasing
substance ADR/RID/ADN Hydrochloric acid, Citric Acid

IMDG CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical name/danger releasing
substance IMDG Hydrochloric acid, Citric Acid

ICAO/IATA CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical name/danger releasing
substance ICAO/IATA Hydrochloric acid, Citric Acid

14.3. Transport hazard class(es)

ADR/RID/ADN 8

Classification code ADR/RID/ADN C3

IMDG 8

ICAO/IATA 8

14.4. Packing group

ADR/RID/ADN III

IMDG III

ICAO/IATA III

14.5. Environmental hazards

IMDG Marine pollutant No

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Product name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Additional information

Hazard label ADR/RID/ADN 8

Hazard label IMDG 8

Hazard label ICAO/IATA 8

ADR/RID Other information

Tunnel restriction code	E
Transport category	3
Hazard No.	80
Other applicable information ADR/ RID	80

IMDG Other information

EmS	F-A, S-B
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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	<p>For professional users only.</p> <p>As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.</p>
Biocides	No
Legislation and regulations	<p>The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments.</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).</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
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H290 May be corrosive to metals.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</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	Relevant changes compared to the previous version of the safety data sheet are indicated with vertical lines in the left margin.
Version	3
Prepared by	ALM