SAFETY DATA SHEET
750ML CLEANLINE MULTIPURPOSE CLEANER WITH BLEACH

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name 750ML CLEANLINE MULTIPURPOSE CLEANER WITH BLEACH

Product number 800-277-4006

Container size 750 ml

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

Identified uses Cleaning agent. Disinfectant.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

PRIME SOURCE
P O BOX 15247
BIRMINGHAM
B22 3HN
tel: 08085 749312
info@prime-source.co.uk

Contact person For content of safety data sheet:, info@prime-source.co.uk or TEL: – 08085 749312

1.4. Emergency telephone number

Emergency telephone Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	P102 Keep out of reach of children. P280 Wear protective clothing and gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention. P273 Avoid release to the environment. P501 Dispose of contents/ container in accordance with local regulations.
Supplemental label information	EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).
Contains	C12-14-ALKYL ETHER SULFATES, SODIUM HYPOCHLORITE
Detergent labelling	< 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% perfumes, < 5% polycarboxylates

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

C12-14-ALKYL ETHER SULFATES **1-5%**

CAS number: 68891-38-3 | EC number: 500-234-8 | REACH registration number: 01-2119488639-16-XXXX

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)
Xi;R38,R41.

SODIUM HYPOCHLORITE **<1%**

CAS number: 7681-52-9 | EC number: 231-668-3 | REACH registration number: 01-2119488154-34-XXXX

M factor (Acute) = 10 | M factor (Chronic) = 1

Classification
Met. Corr. 1 - H290
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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SODIUM HYDROXIDE		**<1%**
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	C;R35

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues. Rinse nose and mouth with water.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Skin contact Remove contaminated clothing. Get medical attention if irritation persists after washing. Rinse immediately with plenty of water.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel. Rinse immediately with plenty of water.

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

Inhalation May cause respiratory system irritation.

Ingestion This product is corrosive. May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

Skin contact Causes severe burns. Prolonged contact causes serious tissue damage.

Eye contact This product is corrosive. May cause chemical eye burns. Corneal damage. Severe irritation, burning, tearing and blurred vision.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

Unsuitable 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

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Chlorine. Hydrogen chloride (HCl). Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.

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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes and clothing. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Flush away spillage with plenty of water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground. Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Provide adequate ventilation. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray/mists. Do not mix with acid.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from light. Store away from the following materials: Acids. Store at temperatures between 5°C and 25°C. Keep out of the reach of children.

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYPOCHLORITE

Short-term exposure limit (15-minute): WEL 0.5 ppm 1.5 mg/m³

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit

C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

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DNEL

Workers - Inhalation; Long term systemic effects: 175 mg/m³
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 52 mg/m³
Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
Consumer - Oral; Long term systemic effects: 15 mg/kg/day

PNEC

- Fresh water; 0.24 mg/l
- marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

SODIUM HYPOCHLORITE (CAS: 7681-52-9)

DNEL

Industry - Inhalation; Long term local effects: 1.55 mg/m³
Industry - Inhalation; Long term systemic effects: 1.55 mg/m³
Industry - Inhalation; Short term local effects: 3.1 mg/m³
Industry - Inhalation; Short term systemic effects: 3.1 mg/m³
Consumer - Inhalation; Long term local effects: 1.55 mg/m³
Consumer - Inhalation; Long term systemic effects: 1.55 mg/m³
Consumer - Inhalation; Short term local effects: 3.1 mg/m³
Consumer - Inhalation; Short term systemic effects: 3.1 mg/m³
Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day

PNEC

- Fresh water; 0.00021 mg/l
- marine water; 0.000042 mg/l
- Intermittent release; 0.00026 mg/l
- STP; 4.69 mg/l
- ;

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL

Industry - Inhalation; Long term local effects: 1.0 mg/m³
Consumer - Inhalation; Long term local effects: 1.0 mg/m³

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.

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Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.
Hygiene measures	When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Mild. Chlorine.
pH	pH (concentrated solution): >11
Relative density	1.026 @ 20°C
Solubility(ies)	Soluble in water.
Explosive properties	There are no chemical groups present in the product that are associated with explosive properties.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	There are no chemical groups present in the product that are associated with oxidising properties.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information	Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The reactivity data for this product will be typical of those for the following class of materials: Acids. Alkalis. Oxidising materials.

10.2. Chemical stability

Stability	Decomposes over time. Factors that increase the rate of decomposition: increase in temperature, certain metallic impurities, high initial concentration, fall in pH below 11and exposure to light.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Generates toxic gas in contact with acid. Chlorine.

10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid	Acids. Ammonia. Organic compounds. Some metals. Nickel. Iron. Copper.

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10.6. Hazardous decomposition products

Hazardous decomposition products	Chlorine. Hydrogen chloride (HCl). Oxides of the following substances: Chlorine. Hypochlorous acid. Sodium chlorate

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Information given is based on data of the components and of similar products.
Other health effects	Does not contain any substances known to be carcinogenic.

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation	Not classified. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation	Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation	Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	Not classified. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro	Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity	Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility	Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.

General information	This product has low toxicity.
Inhalation	No specific health hazards known.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact	May cause temporary eye irritation.

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Toxicological information on ingredients.

SODIUM HYPOCHLORITE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	8,910.0
Species	Rat
Notes (oral LD_{50})	REACH dossier information.
ATE oral (mg/kg)	8,910.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,001.0
Species	Rabbit
ATE dermal (mg/kg)	2,001.0

Skin corrosion/irritation

Animal data	Corrosive to skin. REACH dossier information. Dose: LD50 = 20g/kg bw, 2 days, Rabbit

Serious eye damage/irritation

Serious eye damage/irritation	Corrosivity to eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation	Not sensitising.

Skin sensitisation

Skin sensitisation	Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo	REACH dossier information. Negative.

Carcinogenicity

Carcinogenicity	Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility	REACH dossier information. No evidence of reproductive toxicity in animal studies.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

Toxicity The product contains a substance which is harmful to aquatic organisms.

Acute aquatic toxicity

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Acute toxicity - aquatic invertebrates	Reference: AISE report "Environmental classification of sodium hypochlorite containing bleach products.", 9 September 2009. EC_{50}, 48 hours: > 1 mg/l mg/l, Daphnia magna

Ecological information on ingredients.

SODIUM HYPOCHLORITE

Acute aquatic toxicity	
LE(C)$_{50}$	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Acute toxicity - fish	EC_{50}, 96 hours: 0.01-0.1 mg/l,
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.01-0.1 mg/l, Daphnia magna
Acute toxicity - microorganisms	LOEC, : 0.375 mg/l, Activated sludge
Chronic aquatic toxicity	
NOEC	0.001 < NOEC ≤ 0.01
Degradability	Rapidly degradable
M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability The product contains inorganic substances which are not biodegradable. May accumulate in soil and sediment. Substantially removed in biological treatment processes. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

SODIUM HYPOCHLORITE

Stability (hydrolysis)	Water - Half-life 10% NaoCL: 220 days @ 25°C - Half-life 5% NaOCL: 790 days @ 25°C REACH dossier information.
Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

SODIUM HYPOCHLORITE

Bioaccumulative potential	Low potential for bioaccumulation.
Partition coefficient	log Kow: -3.4174 REACH dossier information.

12.4. Mobility in soil

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

Ecological information on ingredients.

SODIUM HYPOCHLORITE

Henry's law constant 0.076 @ 20°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

SODIUM HYPOCHLORITE

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects There is evidence that sodium hypochlorite inhibits the aerobic treatment process at a concentration of 0.05 mg/l.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EH40/2005 Workplace exposure limits.

EU legislation

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
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) (as amended).
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 (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance

COSHH Essentials.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

A chemical safety assessment has been carried out. Sodium hypochlorite. and Sodium hydroxide.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
PNEC: Predicted No Effect Concentration.
DNEL: Derived No Effect Level.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision. New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015'

Revision date 14/11/2018

Revision 9

Supersedes date 05/09/2018

SDS number 20516

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Hazard statements in full

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.