

# SAFETY DATA SHEET 750ml CLEANLINE THICK BLEACH

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

SECTION 1: Identification of the	he substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	750ml CLEANLINE THICK BLEACH
Product number	800-117-4003
Container size	750mL
1.2. Relevant identified uses of	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 t	he 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 nu	mber
Emergency telephone	Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY
National emergency telephone number	a 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 identific	ation
2.1. Classification of the subst	ance or mixture
Classification (EC 1272/2008)	
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified
2.2. Label elements	
Pictogram	
Signal word	Danger
Hazard statements	H315 Causes skin irritation.

H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statements	<ul> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 Immediately call a POISON CENTER/ doctor.</li> <li>P102 Keep out of reach of children.</li> <li>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li> <li>P501 Dispose of contents/ container in accordance with local regulations.</li> </ul>
Supplemental label information	EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).
Contains	SODIUM HYPOCHLORITE, C12-14-ALKYL ETHER SULFATES
Detergent labelling	< 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% perfumes

### 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			
SODIUM HYPOCHLORITE			1-5%
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			
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	Classificatio	on (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315	Xi;R38,R41		
Eye Dam. 1 - H318			
Aquatic Chronic 3 - H412			
SODIUM HYDROXIDE			<1%
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-	
		2119457892-27-XXXX	
Classification	Classificatio	on (67/548/EEC or 1999/45/EC)	
Met. Corr. 1 - H290	C;R35	· · ·	
Skin Corr. 1A - H314			
Eye Dam. 1 - H318			

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 meas	ures
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4.1. Description of first aid me	asures
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 immedia	te medical attention and special treatment needed
Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
SECTION 5: Firefighting meas	sures
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	om 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.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
SECTION 6: Accidental release	se measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Avoid contact with skin, eyes and clothing. For personal protection, see Section 8.
6.2. Environmental precaution	S
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	I storage
7.1. Precautions for safe h	andling
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 sto	prage, 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/m<sup>3</sup>

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup> WEL = Workplace Exposure Limit

### SODIUM HYPOCHLORITE (CAS: 7681-52-9)

DNEL	Industry - Inhalation; Long term local effects: 1.55 mg/m <sup>3</sup>
	Industry - Inhalation; Long term systemic effects: 1.55 mg/m <sup>3</sup>
	Industry - Inhalation; Short term local effects: 3.1 mg/m <sup>3</sup>
	Industry - Inhalation; Short term systemic effects: 3.1 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term local effects: 1.55 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 1.55 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term local effects: 3.1 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 3.1 mg/m <sup>3</sup>
	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 - ; C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)
DNEL	Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Oral; Long term systemic effects: 15 mg/kg/day
PNEC	<ul> <li>Fresh water; 0.24 mg/l</li> <li>marine water; 0.024 mg/l</li> <li>Intermittent release; 0.071 mg/l</li> <li>Sediment, Fresh water; 0.917 mg/kg</li> <li>Sediment, marine water; 0.092 mg/kg</li> <li>Soil; 7.5 mg/kg</li> <li>STP; 10,000 mg/l</li> </ul>
	SODIUM HYDROXIDE (CAS: 1310-73-2)
DNEL	Industry - Inhalation; Long term local effects: 1.0 mg/m <sup>3</sup> Consumer - Inhalation; Long term local effects: 1.0 mg/m <sup>3</sup>
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.
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 che	mical properties
9.1. Information on basic physic	ical and chemical properties
Appearance	Viscous liquid.
Colour	Colourless to pale yellow.
Odour	Chlorine.
Odour threshold	Not applicable.
рН	pH (concentrated solution): >11
Relative density	1.070 typically @ 20°C
Solubility(ies)	Soluble in water.
Explosive under the influence of a flame	Not considered to be explosive.
Comments	Information given is applicable to the product as supplied.
9.2. Other information	
Other information	Not relevant.
SECTION 10: Stability and rea	ıctivity
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.
10.6. Hazardous decompositio	n products
Hazardous decomposition products	Chlorine. Hydrogen chloride (HCI). Oxides of the following substances: Chlorine. Hypochlorous acid. Sodium chlorate
SECTION 11: Toxicological inf	iormation
11.1. Information on toxicologi	cal effects
Toxicological effects	Data for sodium hypochlorite solution 15% shows low acute oral toxicity: LC50(rat, oral) 1100 mg/kg (as available chlorine). Low acute inhalation toxicity. LC50 (rat, 1hr) >10500mg/m3 (as available chlorine). Very low acute dermal toxicity. LC50 (rat, dermal) >2000 mg/kg (as

Other health effects Does not contain any substances known to be carcinogenic.

available chlorine).

Acute toxicity - dermal Notes (dermal LDso)Based on available data the classification criteria are not met.Acute toxicity - inhalation Notes (inhalation LCso)Based on available data the classification criteria are not met.Skin corrosion/irritation Skin corrosion/irritation Serious eye damage/irritation Serious eye damage/irritationCauses skin irritation.
Notes (inhalation LC <sub>50</sub> )       Based on available data the classification criteria are not met.         Skin corrosion/irritation       Skin corrosion/irritation         Causes skin irritation.       Causes skin irritation.
Skin corrosion/irritation     Causes skin irritation.       Serious eye damage/irritation
Respiratory sensitisationNot sensitising. Based on available data the classification criteria are not met.
Skin sensitisation       Not sensitising.
Germ cell mutagenicityGenotoxicity - in vitroDoes not contain any substances known to be mutagenic.
Carcinogenicity       Does not contain any substances known to be carcinogenic.
Reproductive toxicityReproductive toxicity - fertilityDoes not contain any substances known to be toxic to reproduction.
Specific target organ toxicity - single exposure
<b>STOT - single exposure</b> Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure
<b>STOT - repeated exposure</b> Not classified as a specific target organ toxicant after repeated exposure.
General information         This product has low toxicity.
IngestionMay cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contactSkin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Dryness and/or cracking.
Eye contactMay cause temporary eye irritation.
Toxicological information on ingredients.
SODIUM HYPOCHLORITE

Acute toxicity - oral		
Acute toxicity oral (LD₅₀ mg/kg)	8,910.0	
Species	Rat	
Notes (oral LD₅₀)	REACH dossier information.	
ATE oral (mg/kg)	8,910.0	

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	Acute toxicity - derm	al
	Acute toxicity derma mg/kg)	
	Species	Rabbit
	ATE dermal (mg/kg)	2,001.0
	Skin corrosion/irritati	ion
	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 sensitisa	ation
	Respiratory sensitisa	ation Not sensitising.
	Skin sensitisation	
	Skin sensitisation	Not sensitising.
	Germ cell mutagenic	ity
	Genotoxicity - in vivo	REACH dossier information. Negative.
	Carcinogenicity	
	Carcinogenicity	Based on available data the classification criteria are not met.
	Reproductive toxicity	-
	Reproductive toxicity fertility	<ul> <li>REACH dossier information. No evidence of reproductive toxicity in animal studies.</li> </ul>
SECTION 12	2: Ecological informat	ion
Ecotoxicity	fo M cc	ot regarded as dangerous for the environment. The product is classified using the test data r the AISE model bleach product. Ref: International Association for Soaps, Detergents and aintenance Products publication "Environmental classification of sodium hypochlorite ontaining bleach products". The product may affect the acidity (pH) of water which may have azardous effects on aquatic organisms.
12.1. Toxicit	<u>y</u>	
Toxicity	N	ot considered toxic to fish.
Acute aquat	ic toxicity	
Acute toxicit invertebrates	s pr	eference: AISE report "Environmental classification of sodium hypochlorite containing bleach oducts.", 9 September 2009. C₅o, 48 hours: > 1 mg/l mg/l, Daphnia magna
Ecological ir	nformation on ingredie	ents.
		SODIUM HYPOCHLORITE
Acute aquatic toxicity		
	LE(C)50	 0.01 < L(E)C50 ≤ 0.1
	M factor (Acute)	10

Acute toxicity - fish	EC₅₀, 96 hours: 0.01-0.1 mg/l,
Acute toxicity - aquatic invertebrates	EC₅₀, 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. Mobil	ity in soil	
Mobility	The proc	duct 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. Resul	ts of PBT and vPvB assessm	nent
Results of I assessmen		duct does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

	SODIUM HYPOCHLORITE
Results of PBT a assessment	nd vPvB 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 consid	lerations
13.1. Waste treatment method	ls
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 inform	nation
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 nam	
Not applicable.	
14.3. Transport hazard class(e	es)
No transport warning sign requ	uired.
14.4. Packing group	
Not applicable.	
14.5. Environmental hazards	
Environmentally hazardous su No.	ibstance/marine pollutant
14.6. Special precautions for u	Iser
Not applicable.	
14.7. Transport in bulk accord	ing to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
SECTION 15: Regulatory info	rmation
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	<ul> <li>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.</li> <li>Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).</li> <li>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).</li> <li>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).</li> <li>Commission Regulation (EU) No 453/2010 of 20 May 2010.</li> <li>Commission Regulation (EU) No 2015/830 of 28 May 2015.</li> </ul>
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	<ul> <li>PBT: Persistent, Bioaccumulative and Toxic substance.</li> <li>vPvB: Very Persistent and Very Bioaccumulative.</li> <li>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</li> <li>PNEC: Predicted No Effect Concentration.</li> <li>DNEL: Derived No Effect Level.</li> </ul>
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	09/11/2018
Revision	3
Supersedes date	07/06/2017
SDS number	21569
Risk phrases in full	R31 Contact with acids liberates toxic gas. R34 Causes burns. R35 Causes severe burns. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
Hazard statements in full	<ul> <li>H290 May be corrosive to metals.</li> <li>H314 Causes severe skin burns and eye damage.</li> <li>H315 Causes skin irritation.</li> <li>H318 Causes serious eye damage.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul>

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.