

**SAFETY DATA SHEET**  
**ACCORDING TO 1907/2006/EC, ARTICLE 31**

**VITAL THICK BLEACH**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1: PRODUCT IDENTIFIER**

<b>Product Name</b>	Vital Thick Bleach
<b>Other means of identification</b>	Thick Bleach Extra Strong Bleach Chlorine Solution Sodium Hypochlorite Solution

**1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

<b>Identified uses</b>	Disinfectant
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**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

<b>Supplier</b>	Newline Ltd
<b>Address</b>	Unit 7 The Forum Coopers Way Temple Farm Industrial Estate Southend On Sea SS2 5TE
<b>Web</b>	<a href="http://www.newlineltd.co.uk">www.newlineltd.co.uk</a>
<b>Telephone</b>	01702 613 615
<b>Fax</b>	01702 616 228
<b>Email</b>	<a href="mailto:purchasing@newlinessex.co.uk">purchasing@newlinessex.co.uk</a>
<b>Email address of the competent person</b>	<a href="mailto:sales@newlinessex.co.uk">sales@newlinessex.co.uk</a>

**1.4 EMERGENCY TELEPHONE NUMBER**


<b>Emergency telephone number</b>	7:00am-5:00pm-Mon to Fri 01702 613 615
<b>Further information</b>	.
<b>Uses advised against</b>	

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

<b>2.1.1 Classification – 1999/45/EC</b>	EYE DAM. 1-318
<b>Main Hazards</b>	CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

### 2.2 LABEL ELEMENTS

<b>Symbols</b>	
<b>Signal word</b>	DANGER
<b>Hazard statement</b>	H314-CAUSES SEVERE SKIN BURNS AND EYE DAMAGE H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
<b>Precautionary Statement: Prevention</b>	P102-KEEP OUT OF REACH OF CHILDREN. P 15- RESTRICTED TO PROFESSIONAL USERS. P280- WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION
<b>Precautionary Statement: Response</b>	P301+P330+P331- IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P303+P361+P353- IF ON SKIN: REMOVE/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. P337+P313-IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P501-DISPOSE OF CONTENTS/CONTAINER TO AN APPROPRIATE LOCAL WASTE SYSTEM. CONTAINS: SODIUM HYPOCHLORITE, SODIUM LAURETH/PARETH SULFATE AND SODIUM HYDROXIDE

### 2.3 OTHER HAZARDS

<b>Other hazards</b>	Contact with acids liberates toxic gas
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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC

SODIUM HYPOCHLORITE 14-15%	1-10%	231-668-3	7681-52-9	01-2119488154-34	H315; H400
SODIUM LAURETH/PARETH SULFATE	3-5%	500-234-8	68891-38-3	01-2119488639-16	H315; H318
SODIUM HYDROXIDE	0.5-1%	215-185-5	1310-73-2	01-2119457892-27	H314

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). IN CASE OF ACCIDENT BY INHALATION: REMOVE CASUALTY TO FRESH AIR AND KEEP AT REST.
<b>Eye contact</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYE LIDS WIDE APART. GET MEDICAL ATTENTION IMMEDIATELY. CONTINUE TO RINSE.
<b>Skin Contact</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER
<b>Ingestion</b>	DO NOT INDUCE VOMITING. DRINK 1 TO 2 GLASSES OF WATER. IF SWALLOWED, RINSE MOUTH WITH WATER (ONLY IF PERSON IS CONSCIOUS)

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

<b>Inhalation</b>	INHALATION MAY CAUSE NAUSEA AND VOMITING.
<b>Eye contact</b>	IRRITATING TO EYES
<b>Skin Contact</b>	IRRITATING TO SKIN
<b>Ingestion</b>	INGESTION MAY CAUSE NAUSEA AND VOMITING

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

<b>Inhalation</b>	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) REMOVE THE EFFECTED PERSON FROM THE SOURCE OF CONTAMINATION IMMEDIATELY.
<b>Eye contact</b>	IRRITATING TO EYES. BATHE THE EYE WITH RUNNING WATER FOR 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.
<b>Skin Contact</b>	IRRITATING TO SKIN. RINSE IMMEDIATELY WITH PLENTY OF WATER.
<b>Ingestion</b>	INGESTION MAY CAUSE NAUSEA AND VOMITING, RINSE MOUTH THOROUGHLY. DRINK 1 TO 2 GLASSES OF WATER

### GENERAL INFORMATION

	AVOID CONTACT WITH EYES AND SKIN. IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY (SHOW LABEL WHERE POSSIBLE)
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

	WATER SPRAY
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### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

	CARBON DIOXIDE (CO <sub>2</sub> ), IRRITATING GASES OR VAPOURS.
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### 5.3 ADVICE FOR FIREFIGHTERS

	SELF-CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE CLOTHING.
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION. WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

### 6.2 ENVIRONMENTAL PRECAUTIONS

ADVISE LOCAL AUTHORITIES IF LARGE SPILLS CANNOT BE CONTAINED.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

SMALL SPILLAGES UNDER 5 LITRES FLUSH AWAY WITH PLENTY OF WATER. LARGER SPILLAGE ABSORB WITH INERT, ABSORBENT MATERIAL. COLLECT AND PLACE IN SUITABLE WASTE DISPOSAL CONTAINERS AND SEAL SECURELY.

### 6.4 REFERENCE TO OTHER SECTIONS

FOR PERSONAL PROTECTION, SEE SECTION 8, FOR WASTE DISPOSAL SEE SECTION 13.

### FURTHER INFORMATION

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. AVOID CONTACT WITH EYES AN SKIN. KEEP ONLY IN THE ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

MAY RELEASE DANGEROUS GASES (CHLORINE) DO NOT MIX WITH ANY OTHER PRODUCTS. KEEP ONLY IN THE ORIGINAL CONTAINER.

### 7.3 SPECIFIC END USE(S)

THE IDENTIFIED USES FOR THIS PRODUCT ARE DETAILED IN SECTION 1.2.

#### SUITABLE PACKAGING

KEEP ONLY IN ORIGINAL CONTAINERS.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

NO DATA IS AVAILABLE ON THIS PRODUCT

#### 8.1.1 EXPOSURE LIMIT VALUES

##### Sodium Hypochlorite 14-15%


WEL 8HR LIMIT PPM:

WEL 8-HR LIMIT MG/M3:

WEL 15 MIN LIMIT PPM: 2MG/M3

WEL 15 MIN LIMIT MG/M3

### 8.2 EXPOSURE CONTROLS

	
<b>8.2.1 Appropriate engineering controls</b>	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA
<b>8.2.2 Individual protection measures</b>	AVOID CONTACT WITH EYES AND SKIN. WEAR SUITABLE GLOVES AND EYE FACE PROTECTION.
<b>Eye/face protection</b>	SAFETY GLASSES
<b>Skin protection</b>	RUBBER GLOVES
<b>Hand protection</b>	WEAR SUITABLE GLOVES
<b>Skin protection – other</b>	AVOID CONTACT WITH EYES AND SKIN. WEAR SUITABLE GLOVES AND EYE FACE PROTECTION.
<b>Respiratory protection</b>	NOT NORMALLY REQUIRED
<b>Thermal hazards</b>	CHLORINE
<b>8.2.3 Environmental exposure controls</b>	NOT NORMALLY REQUIRED
<b>Occupational exposure controls</b>	NOT NORMALLY REQUIRED.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>State</b>	VISCOUS
<b>Colour</b>	STRAW
<b>Odour</b>	CHARACTERISTIC
<b>pH</b>	10
<b>Melting point</b>	NOT APPLICABLE
<b>Freezing point</b>	-4
<b>Boiling point</b>	105
<b>Flash point</b>	NOT APPLICABLE
<b>Evaporation rate</b>	NOT APPLICABLE
<b>Flammability limits</b>	NOT APPLICABLE
<b>Vapour flammability</b>	NOT APPLICABLE
<b>Vapour pressure</b>	NOT APPLICABLE
<b>Vapour density</b>	-1
<b>Relative density</b>	1
<b>Fat solubility</b>	NOT APPLICABLE
<b>Partition coefficient</b>	NOT APPLICABLE

<b>Autoignition temperature</b>	NOT RELEVANT
<b>Explosive</b>	NOT APPLICABLE
<b>Oxidising</b>	NOT APPLICABLE
<b>Solubility</b>	NOT APPLICABLE

## 9.2 OTHER INFORMATION

<b>Conductivity</b>	NOT APPLICABLE
<b>Surface tension</b>	NOT APPLICABLE
<b>Gas group</b>	CHLORINE
<b>Benzene content</b>	NOT APPLICABLE
<b>Lead content</b>	NOT APPLICABLE
<b>VOC (volatile organic compounds)</b>	NOT APPLICABLE

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

	ACIDS, ALKALI METALS, AMMONIA, COPPER AND ITS ALLOYS, ORGANIC MATERIALS, STRONG OXIDISING AGENTS
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### 10.2 CHEMICAL STABILITY

	DO NOT ALLOW TO FREEZE. STABLE UNDER NORMAL CONDITIONS
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### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

	CONTACT WITH ACIDS LIBERATES TOXIC GAS. OXIDISING AGENT
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### 10.4 CONDITIONS TO AVOID

	HEAT WILL INCREASE PRESSURE IN SEALED CONTAINER.
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### 10.5 INCOMPATIBLE MATERIALS

	ACIDS, ALKALI METALS. CONTACT WITH ACIDS LIBERATES TOXIC GAS (CHLORINE)
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### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

	CHLORINE
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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity</b>	NO DATA AVAILABLE
<b>Skin corrosion/irritation</b>	CAUSE IRRITATION TO SKIN
<b>Serious eye damage/irritation</b>	CAUSE IRRITATION TO EYES.
<b>Respiratory or skin sensitisation</b>	MAY CAUSE SENSITISATION BY INHALATION AND SKIN CONTACT.
<b>Germ cell mutagenicity</b>	NO DATA IS AVAILABLE ON THIS PRODUCT.
<b>Carcinogenicity</b>	NO DATA IS AVAILABLE ON THIS PRODUCT.
<b>Reproductive toxicity</b>	NO DATA IS AVAILABLE ON THIS PRODUCT.
<b>STOT-single exposure</b>	NO DATA IS AVAILABLE ON THIS PRODUCT.

<b>STOT-repeated exposure</b>	NO DATA IS AVAILABLE ON THIS PRODUCT.
<b>11.1.4 Toxicological Information</b>	NO DATA AVAILABLE

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

<b>Sodium Laureth/Pareth Sulfate</b>	DAPHNIA EC50/48H: 10.0000 MG/L      ALGAE IC50/72H: 100.0000 MG/L FISH LC50/96: 10.0000 MG/L              ALGAE EC50/72: 10 DAPHNIA LC50/96: 10.00                  ALGAE EC50/72: 10
<b>Sodium Hypochlorite 14-15%</b>	DERMAL RAT LD50:2000                      ORAL RAT LD50: 1100
<b>Sodium Hydroxide</b>	DAPHNIA EC50/48H: 4000.0000MG/L      FISH LC50/96: 33.000MG/L

### 12.2 PERSISTENCE AND DEGRADABILITY

	MORE THAN 90% BIODEGRADABLE
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### 12.3 BIOACCUMULATIVE POTENTIAL

	DOES NOT BIOACCUMULATE
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### 12.4 MOBILITY IN SOIL

	DO NOT LET PRODUCT CONTAMINATE SUBSOIL.
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### 12.5 RESULTS OF PBT AND VPVB ASSESSMENT

	DNEL: DERIVED NO EFFECT LEVEL
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### 12.6 OTHER ADVERSE EFFECTS

	DNEL: DERIVED NO EFFECT LEVEL
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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

	DISCHARGE USED SOLUTIONS TO DRAIN. SMALL AMOUNTS (LESS THAN 5 LITRES) OF UNWANTED PRODUCT MAY BE FLUSHED WITH WATER TO SEWER. LARGE VOLUMES MUST BE SENT FOR DISPOSAL AS SPECIAL WASTE. RINSE OUT EMPTY CONTAINER WITH WATER AND CONSIGN TO NORMAL WASTE.
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### GENERAL INFORMATION

	THIS PRODUCT IS CONSIDERED AS NONE HAZARDOUS
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**DISPOSAL METHODS**

	LOCAL AND NATIONAL REGULATIONS. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
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**DISPOSAL OF PACKAGING**

	EMPTY CONTAINERS CAN BE CLEANED WITH WATER. EMPTY CONTAINERS CAN BE SENT FOR DISPOSAL OR RECYCLING.
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**SECTION 14: TRANSPORT INFORMATION**

<b>ADR/RID</b>	1791
<b>IMDG</b>	1791
<b>IATA</b>	1791

**SECTION 14.2: UN PROPER SHIPPING NAME**

<b>ADR</b>	CORROSIVE LIQUID HYPOCHLORITE SOLUTION
<b>IMDG</b>	CORROSIVE LIQUID HYPOCHLORITE SOLUTION
<b>IATA</b>	CORROSIVE LIQUID HYPOCHLORITE SOLUTION

**SECTION 14.3: TRANSPORT HAZARD CLASS(ES)**


<b>ADR/RID label</b>	CLASS 8: CORROSIVE SUBSTANCE
<b>IMDG</b>	CLASS 8: CORROSIVE SUBSTANCE
<b>ICAO</b>	CLASS 8: CORROSIVE SUBSTANCE
<b>Transport labels</b>	

**SECTION 14.4: PACKAGING GROUP**

<b>ADR/RID</b>	111
<b>IMDG</b>	111
<b>ICAO</b>	111

**SECTION 14.5: ENVIRONMENTAL HAZARD**



<b>Environmentally hazardous substance/marine pollutant</b>	 MARINE POLLUTANT
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SECTION 14.6: TRANSPORT INFORMATION	
<b>Tunnel restriction code</b>	E

SECTION 14.7: TRANSPORT IN BULK ACCORDANCE TO ANNEX 11 OF MARPOL73/78 AND IBC CODE	
	NOT RELEVANT. FOR A PACKAGED PRODUCT

SECTION 15: REGULATORY INFORMATION
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**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

<b>Regulations</b>	<p>COMMISSION REGULATION (EU) No 453/2010 OF 20 MAY 2010 AMENDING REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL ON THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICAL 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 DIRECTIVE 91/155/EEC, 93/67/EEC, 93/105/EEC AND 2000/21/EC. 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 CHEMICAL 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 AND 2000/21/EC</p>
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**15.2 CHEMICAL SAFETY ASSESSMENT**

	NO DATA IS AVAILABLE ON THIS PRODUCT
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SECTION 16: OTHER INFORMATION
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**OTHER INFORMATION**

<b>Text of risk phrases in Section 3</b>	<p>H315-CAUSES SKIN IRRITATION          H400-VERY TOXIC TO AQUATIC LIFE.</p>
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**GENERAL INFORMATION**

	THIS INFORMATION IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AT THE DATE OF PUBLICATION HOWEVER NO GUARANTEE IS MADE TO ITS ACCURACY.
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**FURTHER INFORMATION**

	The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or
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