

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

**VITAL HARD SURFACE CLEANER**

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

**1.1: PRODUCT IDENTIFIER**

<b>Product Name</b>	VITAL HARD SURFACE CLEANER
<b>Other means of identification</b>	Hard Surface Cleaner Perfumed Hard Surface Cleaner Floor Cleaner

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

<b>Identified uses</b>	Cleaner for all hard surfaces, including tiles, floors, plastic and walls
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**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

<b>Supplier</b>	NewlineLtd
<b>Address</b>	Unit 7 The Forum Cooper Way Temple Farm Industrial Estate Southend on Sea SS2 5TE
<b>Web</b>	www.newline.co.uk
<b>Telephone</b>	01702 613 615
<b>Fax</b>	01702 616 228
<b>Email</b>	purchasing@newlineessex.co.uk
<b>Email address of the competent person</b>	sales@newlineessex.co.uk

**1.4 EMERGENCY TELEPHONE NUMBER**


<b>Emergency telephone number</b>	7.00am – 5.00pm Mon – 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 IRRIT. 2 H319 SKIN IRRIT. 2-H315
<b>Main Hazards</b>	CAUSES SERIOUS EYE IRRITATION SKIN IRRITATION

**2.2 LABEL ELEMENTS**

<b>Symbols</b>	
<b>Signal word</b>	DANGER
<b>Hazard statement</b>	H318 CAUSES SERIOUS EYE DAMAGE H315-CAUSES SKIN IRRITATION.
<b>Precautionary Statement: Prevention</b>	P102-KEEP OUT OF REACH OF CHILDREN. P233 KEEP CONTAINER TIGHTLY CLOSED P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION. P 15- RESTRICTED TO PROFESSIONAL USERS.
<b>Precautionary Statement: Response</b>	P301+P330+P331 P313- IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. GET MEDICAL ADVICE/ATTENTION. P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. P305+P351+P338- IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING P501- DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS CONTAINS: ALCOHOL ETHOXYLATE

## 2.3 OTHER HAZARDS

<b>Other hazards</b>	No presence of PBT and vPvB ingredients
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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
ALCOHOL (C9-C11) ETHOXYLATE (6EO)	10-15%		68439-45-2		H302; H318
SODIUM METASILICATE PENTAHYDRATE	1-5%	229-912-9	10213-79-3		H314; H335
TETRASODIUM EDTA	1-5%	200-573-9	64-02-8	01-211948-6762-27	H302;H332; H318

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	IF SPRAY/MIST HAS BEEN INHALED, PROCEED AS FOLLOWS. MOVE AFFECTED PERSON TO FRESH AIR AND KEEP WARM AND AT REST IN A POSITION COMFORTABLE FOR BREATHING.
<b>Eye contact</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYELIDS WIDE APART. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.

<b>Skin Contact</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS
<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>	MAY CAUSE IRRITATION TO EYES
<b>Skin Contact</b>	MAY CAUSE IRRITATION TO SKIN. MAY CAUSE DEGREASING OF THE SKIN. MAY CAUSE DERMATITIS
<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.
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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> )
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#### 5.3 ADVICE FOR FIREFIGHTERS

	SELF-CONTAINED BREATHING APPARATUS. KEEP CONTAINERS COOL BY SPRAYING WITH WATER TO REDUCE EXPLOSIVE RISK.
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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

	NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGES. AVOID CONTACT WITH EYES.
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#### 6.2 ENVIRONMENTAL PRECAUTIONS

	ADVISE LOCAL AUTHORITIES IF LARGE SPILLS CANNOT BE CONTAINED.
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#### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

	ABSORB WITH INERT, ABSORBENT MATERIAL.
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#### 6.4 REFERENCE TO OTHER SECTIONS

	FOR PERSONAL PROTECTION, SEE SECTION 8, FOR WASTE DISPOSAL SEE SECTION 13.
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#### 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 AND SKIN. KEEP ONLY IN THE ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN.

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

KEEP ONLY IN THE ORIGINAL CONTAINER.

### 7.3 SPECIFIC END USE(S)

REFER TO SECTION 1.2

#### SUITABLE PACKAGING

PLASTIC CONTAINERS, MILD STEEL CONTAINERS, STAINLESS STEEL CONTAINERS.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

NO DATA IS AVAILABLE ON THIS PRODUCT

#### 8.1.1 EXPOSURE LIMIT VALUES

### 8.2 EXPOSURE CONTROLS



#### 8.2.1 Appropriate engineering controls

THIS PRODUCT MUST NOT BE HANDLED IN A CONFINED SPACE WITHOUT ADEQUATE VENTILATION.

#### 8.2.2 Individual protection measures

##### Eye/face protection

ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. USE APPROPRIATE CLOTHING.

##### Skin protection

AVOID CONTACT WITH EYES, IF RISK ASSESSMENT INDICATES EYE CONTACT POSSIBLE WEAR APPROVED EYE WEAR.

##### Hand protection

NOT NORMALLY REQUIRED

##### Skin protection – other

WEAR PROTECTIVE GLOVES. (HOUSEHOLD RUBBER)

WEAR APPROPRIATE CLOTHING TO PREVENT ANY POSSIBILITY OF SKIN CONTACT

<b>Respiratory protection</b>	NOT NORMALLY REQUIRED
<b>Thermal hazards</b>	NO DATA IS AVAILABLE ON THIS PRODUCT
<b>8.2.3 Environmental exposure controls</b>	NOT NORMALLY REQUIRED
<b>Occupational exposure controls</b>	NOT NORMALLY REQUIRED. USE AS APPROPRIATE.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>State</b>	LIQUID
<b>Colour</b>	YELLOW
<b>Odour</b>	LEMON
<b>pH</b>	9.9-10.60
<b>Melting point</b>	-1
<b>Freezing point</b>	-10
<b>Boiling point</b>	101c
<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>	NOT APPLICABLE
<b>Relative density</b>	.975
<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>	NOT APPLICABLE
<b>Benzene content</b>	NOT APPLICABLE
<b>Lead content</b>	NOT APPLICABLE

<b>VOC (volatile organic compounds)</b>	NOT APPLICABLE
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

	NO SPECIFIC HAZARD ASSOCIATED WITH THIS PRODUCT
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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

	SEE SECTION 10.1, 10.4, 10.5
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### 10.4 CONDITIONS TO AVOID

	DO NOT ALLOW TO FREEZE
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### 10.5 INCOMPATIBLE MATERIALS

	NONE
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### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

	CARBON DIOXIDE (CO <sub>2</sub> )
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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity</b>	NO DATA AVAILABLE ON THIS PRODUCT
<b>Alcohol (C9-C11) Ethoxylate (6EO)</b>	ORAL LD50 2000 MG/KG RAT INHALATION LC50 1.6MK/L (VAPOURS) RAT
<b>Tetrasodium EDTA</b>	ORAL LD50 1210-2150 MG/KG RAT
<b>Sodium Metsilicate Pentahydrate</b>	ORAL LD50 1280MG/KG RAT
<b>Skin corrosion/irritation</b>	MAY CAUSE IRRITATION TO SKIN
<b>Serious eye damage/irritation</b>	MAY 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>Alcohol (C9-C11) Ethoxylate (6EO)</b>	NOEC 0.77MG/L DAPHNIA MAGNA
<b>TETRASODIUM EDTA</b>	EC50 48HR. DAPHNIA MG/L 113
<b>SODIUM METASILICATE PENTAHYDRATE</b>	LC50 96HR FISH MG/L 3185 EC50 48HR DAPHNIA MG/L4857

### 12.2 PERSISTENCE AND DEGRADABILITY

	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.
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### 12.3 BIOACCUMULATIVE POTENTIAL

	DOES NOT BIO ACCUMULATE
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### 12.4 MOBILITY IN SOIL

	NOT KNOWN
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### 12.5 RESULTS OF PBT AND VPvB ASSESSMENT

	THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES CLASSIFIED AS PBT OR VPvB
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### 12.6 OTHER ADVERSE EFFECTS

	NO DATA IS AVAILABLE ON THIS PRODUCT.
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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

	NOT APPLICABLE
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#### 14.1

<b>ADR/RID</b>	NOT APPLICABLE
<b>IMDG</b>	NOT APPLICABLE
<b>IATA</b>	NOT APPLICABLE

#### 14.2 UN PROPER SHIPPING NAME

<b>ADR/RID</b>	NOT APPLICABLE
<b>IMDG</b>	NOT APPLICABLE
<b>IATA</b>	NOT APPLICABLE

#### 14.3 TRANSPORT HAZARD CLASS(ES)

<b>ADR/RID</b>	NOT APPLICABLE
<b>ADR/RID label</b>	NOT APPLICABLE
<b>IMDG class</b>	NOT APPLICABLE
<b>Transport label</b>	NOT APPLICABLE

#### 14.4 PACKAGING GROUP

	NOT RELEVANT
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#### 14.5 ENVIRONMENTAL HAZARDS

	No
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#### 14.6 SPECIAL PRECAUTIONS FOR USER

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## SECTION 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

<b>Regulations</b>	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/EC 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
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### 15.2 CHEMICAL SAFETY ASSESSMENT

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

### OTHER INFORMATION

<b>Text of risk phrases in Section 3</b>	H302 HARMFUL IF SWALLOWED H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE H318 CAUSES SERIOUS EYE DAMAGE H332 HARMFUL IF INHALED H335 MAY CAUSE RESPIRATORY IRRITATION
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### GENERAL INFORMATION

	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE. 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

	<p>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 representation, express or implied, is made as to its accuracy, reliability or completeness.</p> <p>NEWLINE LTD WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.</p>
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