

## System 300

# NEWTON 313-WP WATERPLUG

## Waterplug - Fast Setting Polymer Compound

Rev 3.0 - 04 December 2018

PRODUCT CODE - 313-WP

### SECTION 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### Product Identifier

- Product name Newton 110
- Product codes 110

#### Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Professional Use: Stop running water or seepage through masonry or concrete structures
- Uses advised against Not for any other use

#### Details of the Supplier of the Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web [www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)
- Email address of the competent person [info@newtonwaterproofing.co.uk](mailto:info@newtonwaterproofing.co.uk)
- Emergency telephone numbers Newton Waterproofing systems - English language +44 (0)1732 360095/08:00-17:30 (GMT) Mon-Thur & 08:00-17:00 (GMT) Fri

### SECTION 2. Hazards Identification

- Refer to Section 16 for The explanation of the abbreviations used throughout this SDS  
The full list of Hazard Phrases & Precautionary Statements stated throughout this SDS

#### 2.1 Classification of the Substance or Mixture

- Classification under CLP Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Eye Irrit. 2, H319  
STOT SE 3, H335
- Most important adverse effects Causes serious skin irritation, may cause an allergic skin reaction, causes serious eye irritation, may cause respiratory irritation

#### 2.2 Label Elements

- Hazard statements As 2.1 Classification under CLP
- Signal words Danger
- Hazard pictograms



GHS05



GHS07



GHS08

- Precautionary statements P261 Avoid breathing fume, gas, spray, vapours, dust, mist  
P264 Wash both hands thoroughly after handling  
P280 Wear protective gloves / clothing and eye / face protection  
P305+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
+P351 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 controlled waste

To be handled and used in accordance with good occupational hygiene and safety practice. Wear PPE as SECTION 8.2, handle and store as SECTION 7, manage accidental release as SECTION 6 and follow the instructions in the Data Sheet

- Supplementary hazard information N/A
- Hazard determining component(s) Cement, alumina, chemicals

### 2.3 Other Hazards

- PBT / vPvB This mixture is not PBT or vPvB
- Other Hazards NDA
- Other information Classification and labelling have been made on the basis of safety data sheets of raw materials that make up the product

## SECTION 3. Composition/information on ingredients

3.2 Mixture This product is a mixture  
 Hazardous Substances

Chemical name	CAS	EINECS	REACH Registration Number	% w/w	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Additional information
Portland cement	65997-15-1	266-043-4		5-50	Skin Irrit.2, H315 Skin Sens. i, H317 Eye Irrit. 2, H319 STOT SE 3, H335	Has WEL

Additional information

*High-Alumina cement is a mixture of chemical substances produced by burning or sintering at high temperature (greater than 1,200°C / 2,192°F) raw materials which are predominantly calcium carbonate, aluminium oxide, silica and iron oxide. The chemical substances which are manufactured are confined in a crystalline mass*

NB

Refer to SECTION 8 for Personal Protection / Exposure Controls  
 Refer to SECTION 16 for the full text of Hazard and EU Hazard Statements

## SECTION 4. First Aid Measures

### 4.1 Description of First Aid Measures

- General Never give anything by mouth to an unconscious person. If any symptoms persist or you feel unwell, seek medical advice, taking this SDS to show the doctor
- Skin contact Wash thoroughly with plenty of water. If skin irritation occurs, get medical advice / attention
- Eye contact Rinse cautiously with water for several minutes holding the eyelids open. Remove contact lenses if present and easy to do so, then continue to rinse for at least 15 minutes. If eye irritation persists, get medical advice / attention
- Ingestion Wash out mouth with water for several minutes. Do not induce vomiting without medical advice. If vomiting occurs, the head should be kept forward and low so vomit does not enter the lungs. Get medical advice / attention if discomfort persists
- Inhalation In case of dust inhalation, remove person to fresh air and keep calm and comfortable for breathing. Get medical advice / attention if discomfort persists

- **Self-protection for first aiders** No action to be taken involving any personal risk or without suitable training. If it is suspected that the mixture is still present, wear appropriate Personal Protection Equipment, see SECTION 8.2. Wear gloves to remove contaminated clothing, see SECTION 13 for washing or disposal

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Skin contact May cause an allergic skin reaction. Cause irritation to the skin
- Eye contact Causes serious eye irritation
- Ingestion May be harmful if swallowed
- Inhalation May cause respiratory irritation. Frequent inhalation of cement for a long period increases the risk of lung diseases
- Delayed / immediate effects NDA

#### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Immediate / special treatment No specific treatment. Treat symptomatically  
If respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Do not give mouth-to-mouth resuscitation  
If ingested or inhaled in large amounts, immediately seek medical advice  
Those assisting the exposed persons to take no action involving personal risk or without training. Performing mouth-to-mouth can be dangerous, only to be done by trained personnel  
Eye bathing equipment and First Aid Box should be available  
Take this SDS with you when seeking medial advice

### SECTION 5. Fire-Fighting Measures

- 5.1 Extinguishing Media Select as required by the surrounding fire, materials, etc  
Unsuitable extinguishing materials: do NOT use heavy water stream, jet
- 5.2 Special Hazards Arising from the Material  
No special hazards arising from this substance  
Hazardous decomposition products: none
- 5.3 Advice for Firefighters  
Isolate the affected area  
All persons to be immediately removed from the vicinity of the fire. Fire to be dealt with by trained personnel and without involving personal risk  
The method of extinguishing the fire and the extinguishing agent used to be appropriate to the local circumstances and environment  
Collect the fire fighting water separately. Prevent from entering the environment, waterways, sewers and drains  
Do not enter the area without wearing self-contained breathing apparatus for fire-fighting, protective gloves and protective clothing

### SECTION 6. Accidental Release Measures

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Non-emergency personnel Do not attempt to take action without wearing suitable personal protection, refer to SECTION 8.2 of the SDS  
Do not touch or walk through the spilled material. Avoid inhalation of vapour or mist - ensure adequate ventilation. Wear respiratory protection if ventilation is inadequate EU EN 143
- Emergency personnel Evacuate unnecessary personnel and those not wearing the suitable protection. If outside do not approach from downwind. If outside keep

bystanders and passing persons upwind and away from the danger point. Mark out the contaminated area with signage and prevent access by unauthorised persons

Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Wear respiratory protection as SECTION 8.2

Ensure adequate ventilation, including forced ventilation if in an internal space and necessary, vent externally to be safely away from other persons and the general public

Turn leaking containers leak-side up to prevent the escape of material, and place in a sealable leak proof labelled container

### 6.2 Environmental Precautions

Avoid release to the environment. Avoid creating dust. Do not disperse dust into the environment. Notify the Environment Agency if the product enters waterways, drains or sewers

Contain the spillage using bunding

### 6.3 Methods and Materials for Containment and Cleaning Up

Clean-up should ONLY be dealt with by a qualified person familiar with the specific product

Stop the leak if it is safe to do so. Vacuum up, if swept up do carefully to not release dust into the air

Large spillages should be contained by bunding and carefully transferred into sealable impervious containers. Remnants from large spillages and small spillages should be absorbed and transferred into these containers

All contaminated bunding, including all suspected of being contaminated, to be collected up and transferred to sealable impervious containers

All containers to be labelled and held for disposal as Section 13

### 6.4 Reference to Other Sections

Refer to SECTIONS 8 (Personal Protection / Exposure Controls), 12 (Ecological Information) and 13 (Disposal Consideration) of the SDS

## SECTION 7. Handling and Storage

### 7.1 Precautions for Safe Handling

#### a. Safe handling

Avoid direct contact with the material, to skin, eyes, mucous membranes and clothing, wear protective equipment as SECTION 8. Do not wear contact lenses when working with this product. Ensure there is sufficient ventilation of the area. Wear filter mouth & nose mask protection in a confined space EN149:2001 FFP2 if ventilation is inadequate or particulates are present. Avoid the formation or spread of dust in the air. If in a confined or unventilated space wear respiratory protection EU EN 143

Do not breathe dust

Do not eat, drink or smoke when handling. Wash hands after using the material and remove contaminated clothing and protective equipment before entering areas where food and drink are consumed

Do not wear contaminated clothing at home. See SECTION 13 for the washing or disposal of contaminated clothing and boots

#### b. Prevention of handling incompatible substances or mixtures

Do not handle other substances or mixtures at the same time. Keep away from other substances and mixtures

#### c. Operations and conditions that could create new risks

Do not allow opened, part used or the container in use to come into contact with other materials including all surfaces around. Ensure the containers are securely sealed during transport and storage in vehicles

d. Reduce risk of release to the environment

Avoid spillage. Ensure the floor at storage, transport and the work location will not allow access to drains or water courses. Lay heavy gauge plastic sheeting or similarly impervious protective covering. Contain and clean up spillage as SECTION 6.3 of the SDS

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

a. Storage conditions

Store in a well ventilated locked area, between +5°C and 35°C and away from direct sunlight. Only store in original containers. Keep container tightly closed. The floor of the storage area to be impermeable to prevent the escape of spillage

b. Control of the effects of weather, ambient pressure, temperature, sunlight, humidity and vibration

Protect from moisture. Keep away from sources of ignition, open flames or excessive heat

Ensure containers are securely closed against vibration spillage during transport when loading / unloading vehicles, during transport and moving from vehicle to the work location. Unopened containers to be protected against damage during the same movements

c. Storage with other substances and mixtures

Store in the original packaging. Store against falling / touching other materials and in an allocated location

Store away from sources of moisture

d. Storage room design, quantity limits, ventilation and packaging compatibilities

Storage room to be dry, ventilated, and constructed to have impermeable floors and walls to prevent the escape of spillages into the environment

e. Other considerations

Use of the stock must be by manufacturing date or expiry date rotation. Containers past their expiry date must be removed for disposal according to SECTION 13 of the SDS. No other data available

### 7.3 Specific End Use(es)

Professional use: stop running water or seepage through masonry or concrete structures

## SECTION 8. Personal Protection/Exposure Control

### 8.1 Control Parameters

Workplace Exposure Limits (WEL)

Taken from the HSE EH40/2005 (3rd Edition, 2018):  
 - no limit stated = not on EH40  
 - if no 15 min STEL, 3x TWA used

Comments Key

Carc: Capable of causing cancer and / or heritable genetic damage  
 Sen: Capable of causing occupational asthma  
 Sk: Can be absorbed through the skin, assigned here to substances for which there are concerns that dermal absorption will lead to systematic toxicity

Substance (Alumina = aluminium oxides)	Long-term exposure limit (8hr TWA reference period)		Short-term exposure limit (15 minute reference period)		Comments
	ppm	mg / m <sup>3</sup>	ppm	mg / m <sup>3</sup>	
Dust, inhalable	-	10	No TWA stated in EH40, apply 15 minutes maximum		N/A
Dust, respirable		4			N/A

Derived No Effect Level (DNEL)				
Route of Exposure	Acute Effects Local	Acute Effects Systemic	Chronic Effects Local	Chronic Effects Systemic
<b>Substance:</b> Cement, alumina, chemicals				
Inhalation	-	-	-	2.5 mg/m <sup>3</sup>
Dermal	-	-	-	-
Eyes	-	-	-	-

Predicted No Effect Level (PNEC)		
Substance	Environmental Protection Target	Value
Cement, alumina, chemicals	Fresh water	250 mg/L
	Intermittent releases (fresh water)	260 mg/L
	Freshwater sediments	No or insufficient data available at present
	Marine water	No data: aquatic toxicity unlikely
	Marine water sediments	No or insufficient data available at present
	Sewage treatment plant	10 mg/L
	Soil	No or insufficient data available at present

## 8.2 Exposure Controls

### 8.2.1 Appropriate Engineering Controls

- a. Ventilation
 

Ensure there is sufficient ventilation in the area, including forced ventilation if necessary or in an internal or enclosed space, with filtered collection equipment (e.g. Air Cube) or safe exhaust away from other persons. The floor must be impermeable to prevent the escape of material, laying impermeable protective covering if in doubt

Avoid work practices which generate dust. Avoid inhalation and skin and eye contact
- b. Isolation
 

Isolate the work area with warning signage against unauthorised access. Ensure all other persons are pre-notified of the works and remain clear of the work area
- c. Washing
 

Provide eye wash facilities and safety shower
- d. Against contamination
 

Only mix the on impervious protective sheeting against splashes onto both the person(s) performing this task and onto the surrounding area:

  - When opening and when progressively dispensing them together
  - When using the power mixer / paddle off drill, include erecting a barrier around if necessary to stop splashes off the protective sheeting or onto other structures, etc
  - The person(s) performing this to wear disposable overshoes over their safety work boots when working off the protective sheeting
  - When the mixing is done, dispose of the contaminated protective sheeting, the overshoes, etc as controlled waste
- e. Dust
 

Prevent the formation of air borne dust
- f. Hygiene & Occupational care
 

Do not eat, drink or smoke during stirring or use of the product. Wash hands with soap and water before eating, drinking or smoking and when leaving the work site for natural breaks, break times and at end of day

### 8.2.2 Personal Protective Equipment

a.	Work clothing	Wear protective work clothing covering body, arms and legs
b.	Eye / face protection	Tight fitting safety goggles, safety glasses with side protection or face visor EN166. Ensure eye bath facilities and individual eye wash ampoules are available
full		If at risk of splashing to face when mixing the 3-part product only wear a face visor
c.	Skin protection	
	(i) Hand Protection	To be impermeable and resistant to the product / substance / mixture. Due to missing tests no recommendation to the glove material can be given Selection of the glove material to be on consideration of the penetration times, rates of diffusion and the degradation
	Material of gloves	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC, this being repealed by EU 2016/425 on 21/04/2018, and the resultant standard EN 374  The selection of the suitable gloves does not only depend upon the material, but also further marks of quality and varies from manufacturer to manufacturer  Break through, and other characteristics, depending upon material density and the glove type, and must be determined in each case  Gloves to be tightly fitting at the wrists and extend onto the disposable 1-piece covering. Gloves must be inspected prior to each time used and must be replaced when damaged or worn out  Impervious gloves, chemical resistant: Neoprene rubber (HNBR); conforming to EN 374
	Penetration time of gloves	Breakthrough time of the glove material > 4 hours
	(ii) Other	Chemical resistant safety boots with external feed for the laces, not holes for the laces  Safety helmet if required, or other head covering, against splashes  Good hygiene measures should be followed at all time
d.	Respiratory protection	Wear respiratory protection against the cementitious dust when dispensing into the mixing container and when mixing, and in the case of inadequate ventilation, EU EN 143 filter cartridge  Mist formation; wear aerosol mask EN 143
e.	Thermal hazards	NDA
f.	Environmental exposure measures	Avoid release to the environment
g.	Hygiene measures	Wash thoroughly after handling. Do NOT eat, drink or smoke while using this product. Remove contaminated clothing, see SECTION 13 for the washing or disposal of contaminated clothing

## SECTION 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

• Appearance	(i) Form	Powder
	(ii) Colour	White / light grey
• Odour		Odourless
• Odour threshold		N/A
• pH		11 - 13.5
• Melting point/range °C		NDA

- Freezing point/range °C NDA
- Initial boiling point/range °C NDA
- Flash point/self-ignition °C NDA
- Evaporation rate NDA
- Flammability (solid, gas) NDA
- Auto ignition temperature NDA
- Decomposition temperature NDA
- Explosive properties NDA
- Explosive limits NDA
- Oxidising properties NDA
- Vapour pressure NDA
- Relative vapour density (AIR =1) NDA
- Relative density 1.75 g/ml
- Specific weight NDA
- Solubility in water NDA
- Partition coefficient n-octanol/water NDA
- Also soluble in NDA
- Viscosity, kinematic N/A
- Viscosity, dynamic NDA
- VOC g/l NDA

**9.2 Other Information** No other information

### SECTION 10. Stability and Reactivity

- 10.1 Reactivity** Exothermic reaction when mixed with water, cement will form and harden  
Stable under recommended transport and storage conditions
- 10.2 Chemical Stability** Stable at room temperature, under recommended transport or storage conditions and when protected against the materials or conditions listed in SECTIONS 10.1 and 10.3
- 10.3 Possibility of Hazardous Reactions** None known
- 10.4 Conditions to Avoid** Moisture
- 10.5 Incompatible Materials to Avoid** Acids, ammonium salts, aluminium
- 10.6 Hazardous Decomposition** No hazardous decomposition products under normal conditions of storage and use

### SECTION 11. Toxicological Information

#### 11.1 Information on Toxicological Effects

Relevant hazards for product

Hazard	Negative Symptoms
Respiratory hazard	Frequent inhalation of cement for a long period increases the risk of lung diseases
Serious eye damage/irritation	Eye Irrit. 2. Causes serious eye irritation
Skin corrosion/irritation	Skin Irrit. 2. Causes skin irritation
Skin sensitisation	Skin Sens. 1. May cause an allergic reaction



### Other hazards

Hazard	Basis
Acute toxicity - oral	Not classified. Based on the available data the classification criteria is not met LD50 (Rat) > 2,000 mg/kg
Acute toxicity - dermal	Not classified. Based on the available data the classification criteria is not met LD50 (Rat) > 2,000 mg/kg
Acute toxicity - inhalation	Not classified. Based on the available data the classification criteria is not met LD50 (Rat) > 2,000 mg/kg
Aspiration hazard	Not classified. Based on the available data the classification criteria is not met
Germ cell mutagenicity	Not classified. Based on the available data the classification criteria is not met
Carcinogenicity	Not classified. Based on the available data the classification criteria is not met
Reproductive toxicity	Not classified. Based on the available data the classification criteria is not met
STOT single exposure	Not classified. Based on the available data the classification criteria is not met
STOT repeated exposure	Not classified. Based on the available data the classification criteria is not met

Other information No other information

## SECTION 12. Ecological Information

### 12.1 Toxicity

Not classified. Based on the available data the classification criteria is not met

Hazardous ingredients	Specie	Test	Duration	Value
Cement, alumina, chemicals	Fish	LC50	96 hr	100 mg/L
	Aquatic invertebrates	EC50	48 hr	5.4 mg/L
	Algae / aquatic plants	EC50	72 hr	3.6 mg/L
	Micro-organisms	EC50	3hr	1 g/L

**12.2 Persistence and Biodegradability** NDA. Biodegradation is not applicable to inorganic substances

**12.3 Bioaccumulative Potential** Low potential for bioaccumulation

**12.4 Mobility in Soil** NDA

**12.5 Results of PBT & vPvT Assessment** This mixture is not PBT or vPvB

**12.6 Other Adverse Effects** NDA  
Avoid release to the environment

**12.7 Additional information** NDA

## SECTION 13. Disposal Considerations

### 13.1 Contaminated work wear, tools, etc

- Work wear Carefully brush off dust into a waste container, ensuring no migration into the air  
Allow mixed product to solidify, then remove into the waste container  
Label the waste container as controlled waste, with the contents stated  
Wash the resultant clothing

### 13.2 Waste Treatment Methods

- Disposal operations Waste to be treated as SECTION 6: 'Accidental Release Measures'. Recovery

is not applicable and waste must be disposed as controlled waste under local, national or EC Regulations

All containers, original and spillage, etc collection, to be labelled, tightly sealed and held for controlled waste disposal

- Recovery operations N/A. Dispose as the above 'Disposal operations'
- Waste code number The material: 17 09 03\*  
Packaging containers: 15 01 10\*
- Disposal of packaging Contaminated containers: Dispose as controlled waste  
NOTE: Containers must be considered as not being able to be cleaned
- Special precautions for the disposal method Ensure substances or mixtures are not mixed with other materials and not held in the same outer container with other materials
- NB The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

### SECTION 14. Transport Information

**Note:** Cement, alumina is not hazardous for transport

- 14.1 UN Number N/A
- 14.2 UN Proper Shipping Name N/A
- 14.3 Transportation Hazard Class(es) N/A
- 14.4 Packing Group N/A
- 14.5 Environmental Hazards N/A
- 4.6 Special Precautions for User N/A
- 14.7 Transport in Bulk According to:
  - (i) Annex II of Marpol N/A
  - (ii) the IBC Code N/A

### SECTION 15. Regulatory Information

#### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture or Article

COMMISSION REGULATIONS (EC) No 1272/2008 and (EU) No 2015/830 of 28/05/2015 amending Regulation (EC) No 1907/2006 and repealing (EU) 453/2010 20 May 2010 of the European Parliament and of the Council on 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

- Other regulations, limitations and prohibitive regulations

Authorisations and / or restrictions on use
Substances in this product (Part C) are not listed on Annex VXII, Annex XIV or the Candidate List of SVHC substances to REACH

#### 15.2 Chemical Safety Assessment

A chemical safety assessment is not available for this mixture. Data from the component substances is included in this MSDS

### SECTION 16. Other Information

#### 16.1 Changes Compared to the Previous Version

Date	Sections	Item	Change	Comment (none = read all)
04/12/18		Change table	Added	
	All	Full re-write		Read the entire document

**16.2 Key literature and sources of data** Regulation (EC) 1907/2006  
 Regulation (EC) No. 1272/2008  
 Regulation (EU) No. 2015/830  
 Supplier SDS  
 ECHA, including REACH dossier for component substances where exists  
 EH40/2005 3rd Edition, 2018

#### 16.3 Abbreviations & Acronyms

bw.: body weight  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR / RID: Agreement on road transport of dangerous goods / regulations of the international transport of dangerous goods by rail  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 CLP: EU Regulation 1272/2008: Classification, Labelling & packaging of chemical substances  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Level (REACH)  
 EC50: (Half maximal effective concentration) The concentration of a substance which induces a response halfway between the baseline and maximum after a specified exposure time  
 EINECS: European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substance number  
 HSE: (UK) Health & Safety Executive  
 IATA: International Air Transport Association  
 IBC Code: International Building Code  
 IMDG: International Maritime Dangerous Goods  
 LC50: Lethal concentration, 50% affected  
 MARPOL: International Convention for the Prevention of Pollution from Ships  
 SDS: Safety Data Sheet  
 N/A: Not Applicable  
 NDA: No Data Available  
 PBT: Persistent, Bioaccumulative and Toxic substances  
 vPvB: Very Persistent and very Bioaccumulative substances  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals: Regulation (EC) No 1907/2006  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
 STEL: Short Term Exposure Limit  
 STOT RE: Specific target organ toxicity (from) repeated exposure  
 STOT SE: Specific target organ toxicity (from) single exposure  
 TWA: Time Weighted Averages  
 VOC: Volatile organic compounds

#### 16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP)

Classification according to Regulation (EC) No. 1272/2008	Classification procedure
Skin Irrit. 2: H315	Calculation
Skin Sens. 1: H317	Calculation
Eye Irrit. 2: H319	Calculation
STOT SE 3: H335	Calculation

#### 16.5 Phrases Used in SECTION 2 & 3

- H Statements

H315: Causes skin irritation  
 H317: May cause an allergic skin reaction  
 H319: Causes serious eye irritation  
 STOT SE 3: May cause respiratory irritation

#### Hazard Class and Category Code

Skin Irrit. 2: Skin corrosion/irritation. Hazard Category 2  
 Skin Sens. 1: May cause skin sensitisation, Hazard Category 1  
 Eye Irrit. 2: Serious eye damage/irritation, Hazard Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure). Hazard Category 3I

#### 16.6 Training advice

Obtain special instructions and read Safety Data Sheet before use. Do not handle until all safety precautions have been read and understood. It is recommended that workers are trained in the safe handling of hazardous chemicals

#### 16.7 DISCLAIMER

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 on 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 users responsibility to satisfy themselves as to the suitability of such information for their own particular use. It shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship