

**SAFETY DATA SHEET**  
according to Regulation (EU) 2015/830

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**Power - Zone Detergent Degreaser**

Revision 3

Revision date 2021-02-11

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

**1.1. Product identifier**

<b>Product name</b>	Power - Zone Detergent Degreaser
<b>Product code</b>	3002

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

<b>Description</b>	.
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**1.3. Details of the supplier of the safety data sheet**

<b>Company</b>	Serchem Limited
<b>Address</b>	Heatherset Arleston, off Dawley Road Wellington, Telford Shropshire TF1 2LY United Kingdom
<b>Web</b>	www.serchem.co.uk
<b>Telephone</b>	01952 223130
<b>Fax</b>	01952 222012
<b>Email</b>	support@serchem.co.uk
<b>Email address of the competent person</b>	production@serchem.co.uk

**1.4. Emergency telephone number**

<b>Emergency telephone number</b>	01952 223130 9.00 am - 5.00 pm Mon - Fri
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**Further information**


	Contact out of office hours : 07734 874648 Mr A Arnold.
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**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

<b>2.1.2. Classification - EC 1272/2008</b>	Eye Irrit. 2: H319;
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**2.2. Label elements**

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Eye Irrit. 2: H319 - Causes serious eye irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P264 - Wash thoroughly after handling.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Disodium Cocoiminodipropionate 1						Eye Irrit. 2: H319;
Alcohol Ethoxylate 90 %		26183-52-8	500-046-6			Eye Dam. 1: H318;
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0			Acute Tox. 4: H332; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
Potassium polyphosphate aqueous solution						Eye Irrit. 2: H319;
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9			Skin Corr. 1B: H314; STOT SE 3: H335;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Skin contact</b>	Avoid contact with skin. Remove casualty from exposure ensuring one's own safety whilst doing so. Remove contaminated clothing. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Remove casualty from exposure ensuring one's own safety whilst doing so. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Skin contact</b>	Avoid contact with skin. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. Wash with water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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

<b>Inhalation</b>	If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately.
	Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist.

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

Eye contact	Avoid contact with eyes. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Wash with water.
Skin contact	Avoid contact with skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove the affected person from the source of contamination immediately. Seek medical attention if irritation or symptoms persist. Wash with water.
Ingestion	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	No Significant Hazard. Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Provide eye wash station. Wash with water. Wear suitable protective clothing, gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. The product is classified as non hazardous.
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### 6.2. Environmental precautions

	Clean spillage area thoroughly with plenty of water. Clean the area using a vacuum cleaner. Do not empty into drains; dispose of this material and its container in a safe way. local and national regulations. To clean the floor and all objects contaminated by this material, use plenty of water.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Clean the area using a vacuum cleaner. Do not empty into drains; dispose of this material and its container in a safe way. Empty containers can be cleaned with water. local and national regulations. Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approximately one hour transfer to waste container and do not seal (evolution of CO <sub>2</sub> !). Rinse immediately with plenty of water. Transfer to suitable, labelled containers for disposal. Wear suitable protective clothing, gloves and eye/face protection.
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### 6.4. Reference to other sections

	See section 2,3,8,13 for further information.
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## 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. Do not empty into drains; dispose of this material and its container in a safe way. Handle and open container with care. Keep only in the original container. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep only in the original container. Keep out of the reach of children. Store at temperatures between 5 °C and 25 °C. Store in original container.
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## 7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging	Keep container tightly closed and dry. Keep only in the original container in a cool, well-ventilated place. Store in original container.
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## 7.3. Specific end use(s)

	Avoid contact with eyes. Avoid contact with skin. Handle and open container with care. Keep out of the reach of children. Take off immediately all contaminated clothing. Wear suitable gloves. Wear suitable protective clothing. Wear suitable protective equipment. When using do not eat or drink. When using do not smoke.
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## Suitable packaging

	Intended use.
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## SECTION 8: Exposure controls/personal protection


### 8.1. Control parameters

	See section 8.2 for further information.
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#### 8.1.1. Exposure Limit Values

Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

### 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Keep containers tightly closed. Store at temperatures above 5 °C. Store at temperatures below 25 °C.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wear suitable protective equipment.
Eye / face protection	Avoid contact with eyes. Eye wash bottle with water. Wear eye/face protection.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow
Odour	Mild
Odour threshold	Not required
pH	13 - 14
Melting point	0
Initial boiling point	100
Vapour pressure	Not required
Vapour density	Not required
Relative density	1.01
Viscosity	Not determined
Solubility	Soluble in water

## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Gas group	Not required

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

	Stable under normal conditions.
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### 10.4. Conditions to avoid

	Keep away from heat. Keep in a cool, dry, well ventilated area. Keep only in the original container at a temperature not exceeding 25 °C.
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### 10.5. Incompatible materials

	Keep away from other detergents materials. Do not mix with bleach or strong oxidising agents.
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### 10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended.
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## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

Alcohol Ethoxylate 90 %	Oral Rat LD50: >2000 mg/kg
Ethylene glycol monobutyl ether	Dermal Rat LD50: 1480 mg /kg

## SECTION 12: Ecological information

## SECTION 13: Disposal considerations

### Disposal methods

	Do not empty into drains; dispose of this material and its container in a safe way. Local and national regulations.
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### Disposal of packaging

	Can be recycled if in compliance with local and national regulations. Clean empty containers first with plenty of water.
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## SECTION 14: Transport information

### 14.1. UN number

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<b>14.1. UN number</b>	
	The product is not classified as dangerous for carriage.
<b>14.2. UN proper shipping name</b>	
	The product is not classified as dangerous for carriage.
<b>14.3. Transport hazard class(es)</b>	
	The product is not classified as dangerous for carriage.
<b>14.4. Packing group</b>	
	The product is not classified as dangerous for carriage.
<b>14.5. Environmental hazards</b>	
	The product is not classified as dangerous for carriage.
<b>14.6. Special precautions for user</b>	
	The product is not classified as dangerous for carriage.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
	The product is not classified as dangerous for carriage.

## 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 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. 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 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.
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## SECTION 16: Other information

### Other information

<b>Revision</b>	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Precautionary Statement: Response. 12 - 12.1. Toxicity.
<b>Text of Hazard Statements in Section 3</b>	Eye Irrit. 2: H319 - Causes serious eye irritation. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H332 - Harmful if inhaled. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation.

### Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. 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. 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 other process.
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