

---

**SAFETY DATA SHEET**

---

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

## 1.1 Product identifier

- Product Name: Flotek 340
- Datasheet Number: 340

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

- Use of the substance/mixture: Industrial water treatment chemical

## 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Western Environmental Ltd
- Address of Supplier: Western House  
Owen Road  
Britonwood Trading Estate  
Knowsley  
Merseyside  
UK  
L33 7YP
- Telephone: +44 (0) 151 546 1000
- Fax: +44 (0) 151 546 5777
- Responsible Person: Mr Ken Ward
- Email: ken.ward@westerngroup.co.uk

## 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 151 546 1000
- 

**SECTION 2 Hazards identification**

## 2.1 Classification of the substance or mixture

- CHIP:
- CLP: Eye Irrit. 2

## 2.2 Label elements



- Symbols: GHS07
- Signal Word: Warning
- Hazard phrases  
H319 - Causes serious eye irritation.
- Precautionary Phrases  
P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
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.

2.3 Other hazards

---

**SECTION 3 Composition/information on ingredients**

## 3.1 Substances

- Hydroxyphosphonoacetic acid  
CAS Number: 23783-26-8
-

---

**SECTION 3 Composition/information on ingredients (....)**

- EC Number: 405-710-8
- R/H Phrases: H302, H373, H314, H317
- Concentration: 3 - 8%
- Sodium hydroxide
  - CAS Number: 1310-73-2
  - EC Number: 215-185-5
  - R/H Phrases: H314, R35
  - Concentration: 1 - 5%
- Sodium 4-methyl-1H-benzotriazolide
  - CAS Number: 64665-57-2
  - EC Number: 265-004-9
  - R/H Phrases: R35, R22; H314, H302
  - Concentration: 0.5 - 3%

**3.2 Mixtures**

---

**SECTION 4 First aid measures****4.1 Description of first aid measures**

- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**4.2 Most important symptoms and effects, both acute and delayed**

- Can cause damage to the eyes

**4.3 Indication of any immediate medical attention and special treatment needed**

---

**SECTION 5 Fire-fighting measures****5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

**5.2 Special hazards arising from the substance or mixture**

- No information available

**5.3 Advice for firefighters**

- Wear chemical protection suit and positive-pressure breathing apparatus
- 

**SECTION 6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Contain spillage by any means possible
- Wear protective clothing as per section 8

**6.2 Environmental Precautions**

- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

**6.3 Methods and material for containment and cleaning up**

- Absorb spillage in suitable inert material
- Remove contaminated material to safe location for subsequent disposal

**6.4 Reference to other sections**

## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

### 7.2 Conditions for safe storage, including any incompatibilities

- Protect from frost

### 7.3 Specific end use(s)

---

## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

- No exposure limits have been set for this substance

### 8.2 Exposure controls

- Wear goggles giving complete eye protection
- Wear neoprene or nitrile gloves, boots and apron



## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Dark red/brown liquid.
- Odour: Perceptible odour
- pH: pH 9.0 - 11.0 at 100 % concentration
- Melting point/Range: No information available.
- Freezing point/Range: No information available.
- Boiling Point/Range: No information available.
- Flammability: Not flammable
- Specific Gravity: Specific gravity (water=1) 1.02 - 1.08
- Solubility in water: Completely soluble in water
- Oxidising Properties:

### 9.2 Other information

---

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

- Stable under normal conditions.

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Do not mix with acids.

### 10.4 Conditions to avoid

- Avoid contact with acid

### 10.5 Incompatible materials

- Incompatible with acid

### 10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
-

**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

- No information available
- 

**SECTION 12 Ecological information**

## 12.1 Toxicity

- No information available

## 12.2 Persistence and degradability

- Not available

## 12.3 Bioaccumulation Potential

- No information available

## 12.4 Mobility in soil

- Completely soluble in water

## 12.5 Results of PBT and vPvB assessment

- None.

## 12.6 Other Adverse Effects

- No information available
- 

**SECTION 13 Disposal considerations**

## 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- 

**SECTION 14 Transport information**

## 14.1 UN Number

- UN No.: N/A

## 14.2 UN Proper Shipping Name

- Proper Shipping Name: N/A

## 14.3 Transport hazard class(es)

- Hazard Class: N/A

## 14.4 Packing group

- Packing Group: N/A

## 14.5 Environmental hazards

## 14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

---

**SECTION 15 Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not hazardous according to current CPL Regulations

15.2 Chemical Safety Assessment

---

**SECTION 16 Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H373: May cause damage to organs through prolonged or repeated

---

**SECTION 16 Other information (....)**

exposure. R22: Harmful if swallowed. R35: Causes severe burns.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Western Environmental Ltd and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.