

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** ASH BD 601

**CAS number:** 70592-80-2

**EINECS number:** 274-687-2

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

**Use of substance / mixture:** Reverse Osmosis Membrane cleaning product.

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

**Company name:** Ashford Environmental Services Limited

The Offices

Mill Mead

Staines

Middlesex

TW18 4UQ

**Tel:** 01784 465838

**Fax:** 01784 465848

**Email:** services@ashford-group.co.uk

#### 1.4. Emergency telephone number

### Section 2: Hazards identification

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

**Classification under CLP:** Eye Dam. 1: H318

**Classification under CHIP:** Xi: R38; Xi: R41

**Most important adverse effects:** Causes serious eye damage.

#### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H318: Causes serious eye damage.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion



**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

[cont...]

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## 2.3. Other hazards

**PBT:** This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Contains:** Surfactants and wetting agents.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Immediately wash with soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

Transfer to hospital as soon as possible.

**Inhalation:** If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be difficulty swallowing.

**Inhalation:** Liquid product, Inhalation unlikely.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water. Carbon dioxide. Dry chemical powder.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

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

**Personal precautions:** Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

[cont...]

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## 6.2. Environmental precautions

**Environmental precautions:** Contain the spillage using bunding. Sweep into suitable containers for recovery or disposal. Avoid creating a dust.

## 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

# Section 7: Handling and storage

## 7.1. Precautions for safe handling

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

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Polyethylene.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

# Section 8: Exposure controls/personal protection

## 8.1. Control parameters

**Workplace exposure limits:** No data available.

## 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

# Section 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Perceptible odour

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**Relative density:** 1.00 - 1.05

**pH:** 7 - 8

[cont...]

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## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	>2000	mg/kg
DERMAL	RAT	LD50	>2000	mg/kg
INHALATION	RAT	4H LC50	>5	mg/l
ORAL	RAT	LD50	200-2000	mg/kg

#### Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be difficulty swallowing.

**Inhalation:** Liquid product, Inhalation unlikely.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

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## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
Algae	48H EC50	<10	mg/l
Aquatic Invertebrates	48H EC50	<10	mg/l
Fish	96H LC50	<10	mg/l
Micro-organisms	48H EC50	>100	mg/l

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: Bioconcentration factor (BCF) 81.00 , Exposure 46 days EPA-FIFRA method.

### 12.4. Mobility in soil

Mobility: Soluble in water.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

### 12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: Disposal should be carried out by licenced contractors. Do not allow entry to drains or waterways.

Disposal of packaging: Containers must be disposed of in a safe way.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

Transport class: This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H318: Causes serious eye damage.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.