



## SAFETY DATA SHEET

AL-W REPLENISHER

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Compilation date: 19/5/11

Revision date: 01/05/15

Revision No: 3

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

#### 1.1. Product identifier

**Product name:** AL-W REPLENISHER

**Product code:** A1032

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

**Use of substance / mixture:** Replenisher for liquid paint stripping medium.

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

**Company name:** Confederate Chemicals Ltd

Mochdre Industrial Estate

Newtown

Powys

SY16 4LE

**Tel:** 01686 627158

**Fax:** 01686 627580

**Email:** [lab@confederatechemicals.co.uk](mailto:lab@confederatechemicals.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** 01686 627158

### Section 2: Hazards identification

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

**Classification under CHIP:** Xn: R20/21/22; C: R35

**Classification under CLP:** Acute Tox. 4: H302; Skin Corr. 1A: H314; Acute Tox. 4: H332

**Most important adverse effects:** Harmful by inhalation, in contact with skin and if swallowed. Causes severe burns.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H332: Harmful if inhaled.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



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**Precautionary statements:** P260: Do not breathe vapours.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTER/doctor//if you feel unwell.  
P321: Specific treatment (see on this label).

## Label elements under CHIP:

**Hazard symbols:** Corrosive.  
Harmful.



**Risk phrases:** R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R35: Causes severe burns.

**Safety phrases:** S2: Keep out of the reach of children.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28: After contact with skin, wash immediately with plenty of water.  
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

BENZYL ALCOHOL

| EINECS    | CAS      | CHIP Classification | CLP Classification                     | Percent |
|-----------|----------|---------------------|--|---------|
| 202-859-9 | 100-51-6 | Xn: R20/22          | Acute Tox. 4: H332; Acute Tox. 4: H302 | 50-70%  |

2-AMINOETHANOL

|           |          |                       |   |        |
|-----------|----------|-----------------------|---|--------|
| 205-483-3 | 141-43-5 | Xn: R20/21/22; C: R34 | Acute Tox. 4: H332; Acute Tox. 4: H312;<br>Acute Tox. 4: H302; Skin Corr. 1B:<br>H314 | 10-30% |
|-----------|----------|-----------------------|---|--------|

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POTASSIUM HYDROXIDE

|           |           |                 |   |       |
|-----------|-----------|-----------------|---|-------|
| 215-181-3 | 1310-58-3 | Xn: R22; C: R35 | Acute Tox. 4: H302; Skin Corr. 1A: H314 | 1-10% |
|-----------|-----------|-----------------|---|-------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**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:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the

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contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

## 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 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

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**2-AMINOETHANOL**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA            | 15 min. STEL          | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|-----------------------|------------|--------------|
| EU    | 2.5 mg/m <sup>3</sup> | 7.6 mg/m <sup>3</sup> | -          | -            |

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

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## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Faint

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Slightly soluble

**Relative density:** 1.075 - 1.095

### 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

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**BENZYL ALCOHOL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 53   | mg/kg |
| ORL | MUS | LD50 | 1360 | mg/kg |
| ORL | RAT | LD50 | 1230 | mg/kg |

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## 2-AMINOETHANOL

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 225  | mg/kg |
| ORL | MUS | LD50 | 700  | mg/kg |
| ORL | RAT | LD50 | 1720 | mg/kg |
| SCU | RAT | LD50 | 1500 | mg/kg |

## POTASSIUM HYDROXIDE

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| ORL | RAT | LD50 | 273 | mg/kg |
|-----|-----|------|-----|-------|

### Relevant effects for mixture:

| Effect                   | Route       | Basis                 |
|--------------------------|-------------|-----------------------|
| Acute toxicity (harmful) | INH DRM ING | Hazardous: calculated |
| Corrosivity              | OPT INH DRM | Hazardous: calculated |

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

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## 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Rinse water may be suitable for discharge to sewer, if its quality falls within a consent limit set by the waste disposal company. Consult licensed disposal company to agree limits before discharge.

**Waste code number:** 080107 (Stripped residues)

**Disposal of packaging:** All residues must be removed from packaging prior to disposal as controlled waste.

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

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3266

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.  
(POTASSIUM HYDROXIDE; 2-AMINOETHANOL)

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 2

## 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.

## Section 16: Other information

[cont...]

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## Other information

**Other information:** Refer to the Manual Handling Operations Regulations 1992.

Store in accordance with HSE Guidance Note CS17.

Classed as special waste by the Hazardous Waste Regulations 2005.

Read in conjunction with the Technical Data sheet concerning use of the product.

NOTE: Additions or alterations have been made in Sections 8, 13 and 15 of revision 2.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H332: Harmful if inhaled.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R20/22: Harmful by inhalation and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R35: Causes severe burns.

**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.