Universal Coil Cleaner
– EN

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Valid for: 1 year from approval

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## SECTION 1: Identification of the substance or preparation and of the company.

### 1.1. Product Identification
- **Type of product:** Mixture of detergents, portion controlled in PVA dose
- **Trade name:** Universal Coil Cleaner
- **Reach registration number:** -

### 1.2. Relevant identified use of the substance or mixture and discouraged use

#### 1.2.1. Relevant identified use
- **Description / Use:** Cleaning Product
- **Spec. Industrial / professional use:** For professional use

#### 1.2.2. Forms of use that are not recommended
- No use for other than professional cleaning

### 1.3 Information concerning the supplier of the safety data
- **Company Identification:** Aspen Pumps Group
  - Apex Way
  - Hailsham
  - East Sussex
  - BN27 3WA
  - Tel: +44 (0)1323 848842
  - Fax: +44 (0)1323 848846
  - Email: sales@aspenpumps.com
- **Emergency telephone number:** +44 (0)203 394 9889

## SECTION 2: Identification of dangers

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation (EC). 1272/2008 [CLP]
- Corrosive to metals, Category 1, H290
- Skin corrosion, Category 1A, H314

  *Full text of H-phrases: see section 16*

#### 2.1.2. Adverse physicochemical, human health and environmental
- No additional information available

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2.2. Label elements

2.2.1. Labelling according to Regulation (EC). 1272/2008 [CLP]

Hazard pictograms (CLP):

| GHS 05: Corrosive | GHS 07: Harmful |

CLP Signal word: Danger
Hazardous ingredients: Sodium Hydroxide
Hazard statements (CLP): H314, H290
Precautionary statements (CLP): P260, P280, P303+P361+P353, P305+P351+P338, P310

2.3. Other hazards

Physical/chemical hazards: Decomposes above 50 °C (Creation of: Carbon dioxide + Sodium carbonate).

Hazardous ingredients: Sodium Hydroxide
Hazard statements (CLP): H314, H290
Precautionary statements (CLP): P260, P280, P303+P361+P353, P305+P351+P338, P310

2.4. Other dangers

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII.:
Not applicable
P: no
B: no
T: no

Substance meets the criteria for vPBT according to Regulation (EC) No. 1907/2006, Annex XIII.:
vP: no
vB: no
### 3.1. Substance
Not applicable

### 3.2. Mixture [English]

<table>
<thead>
<tr>
<th>Name (IUPAC)</th>
<th>Product identification</th>
<th>%</th>
<th>Classification according to Regulation (EC). 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydrogen Carbonate</td>
<td>(CAS No.) 144-55-8 (Einecs No.) 205-633-8 (REACH No.) 01-2119457666-32 E508(II)</td>
<td>&gt; 10 - &lt; 30</td>
<td>Not classified (GHS)</td>
</tr>
<tr>
<td>2-hydroxypropane-1,2,3-trioic acid</td>
<td>(CAS No.) 77-92-9 (Einecs No.) 201-069-1 (REACH No.) 01-2119457026-42-0004 E330</td>
<td>&gt; 10 - &lt; 30</td>
<td>H319 P264, P280, P305+P351+P338, P337+P313</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>(CAS No.) 85586-07-8 (Einecs No.) 287-809-4 (REACH No.) 01-2119489463-28-0007 E487</td>
<td>&gt; 10 - &lt; 30</td>
<td>H228, H302, H332, H315, H318, H335, H412 P210, P273, P280, P284, P310, P305+P351+P338, P301</td>
</tr>
<tr>
<td>Sodium-dodecylbenzenesulphonate</td>
<td>(CAS No.) 25155-30-0 (Einecs No.) 246-680-4 (REACH No.) 01-2119565112-48-0000 E211</td>
<td>&gt; 1 - &lt; 5</td>
<td>H315, H318, H412 P264, P280, P302+P352, P305+P351+P338, P310, P332 + P313</td>
</tr>
</tbody>
</table>

**Full text of R- and H-phrases: see section 16**
### SECTION 4: First aid measures

#### 4.1. Description of the first-aid measures

- **General advice:** In case of doubt or persistent symptoms, consult a doctor.
- **Inhalation:** Remove the victim to fresh air, to a quiet place and if necessary consult a doctor.
- **Skin contact:** Wash with plenty of water. Medical assistance attention if irritation occurs.
- **Eye contact:** In case of contact with eyes with plenty of rinse water (at least 15 min.). Remove contact lenses. Call an ANTIPOISON CENTER or a doctor.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Call an ANTIPOISON CENTER or a doctor.

#### 4.2. Main acute and delayed symptoms and effects

- **Skin contact:** May cause skin irritation / dermatitis.
- **Eye contact:** Risk of eye irritation.
- **Oral:** May be harmful if swallowed.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing products

- **Suitable extinguishing products or actions:** In case of fire in the vicinity all extinguishing products are allowed.
- **Unsuitable extinguishing products or actions:** Large quantities of water. Do not use a heavy water stream.

#### 5.2. Special dangers caused by the substance or mixture

- **Fire danger:** Not combustible. Fire may liberate carbon oxides (CO₂) and smoke.
- **General measures:** Keep away from open flame.

#### 5.3. Advice for firefighters

- **Special Protective Equipment for Firefighters:** Use self-contained breathing apparatus and wear protective clothes when in close proximity to fire.
- **Special Procedures:** Apply water spray or fog to cool nearby equipment. Avoid firefighting water to enter environment.
SECTION 6: Measures to be taken at accidental release of the substance or mixture

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For others than the emergency personnel
No additional information available.

6.1.2. For emergency responders
No additional information available.

6.2. Environmental precautions
No additional information available.

6.3. Methods and materials for containment and cleaning
See section 13.

6.4. Reference to other sections
No additional information available.

SECTION 7: Handling and Storage

7.1. Precautions for the safe handling of the substance or the mixture
Observe the usual precautions when handling chemicals. Contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Keep container tightly closed to prevent contamination and moisture absorption. Emergency eyewash and safety showers are to be installed in the vicinity of any place where the risk for exposure.

7.2. Conditions for a safe storage, including any incompatibilities
Store sealed container in a dry, well ventilated area away from heat sources and direct sunlight. Avoid extreme temperature changes. The product is hygroscopic. The penetration of moisture to avoid.
Storage temperature 20 °C ± 5 °C / 68 °F ± 41 °F
Storage humidity <50 RH

7.3. Specific end use
As a cleaning product according to packaging instructions.
SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Occupational Exposure Limits: Not established.
Biological limit values: They will be included when available.
DNELs:
• Sodium hydroxide: Local effects, inhalation 1 mg/m³
PNECs:
• Sodium hydroxide: Not applicable

8.2. Technical measures:

Provide eyewash close to the workstation.

Exposure limit values:
No limits set.

Personal protection measures:
Being at work do not eat, drink, smoke, personal protection by safety expert advice.

8.3. Measures to control exposure

SECTION 9: Physical and chemical properties

9.1. Information about basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid (dose)</td>
</tr>
<tr>
<td>Physical state / form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Colored. Red.</td>
</tr>
<tr>
<td>Odor</td>
<td>Perfumed. characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
</tr>
<tr>
<td>pH 1% w/w water @ 20 °C / 68 °F</td>
<td>13.0 ± .5</td>
</tr>
<tr>
<td>Melting point / range</td>
<td>No information available</td>
</tr>
<tr>
<td>Solidification / freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point / range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available</td>
</tr>
<tr>
<td>Relative Evaporation Rate</td>
<td>Data not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density @ 20 °C / 68 °F</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1015 ± 100 g / L – 35.80 ± 3.5 oz / QT</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available
## SECTION 10: Stability and reactivity

### 10.1. Reactivity
No additional information available

### 10.2. Chemical stability
The product is stable under normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions
No additional information available

### 10.4. Conditions to avoid
Moist air. Overheating.

### 10.5. Incompatible materials
Never mix with chemicals.

### 10.6. Hazardous decomposition products
In case of persistent heating can release hazardous decomposition products such as smoke, carbon monoxide or carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information about toxicological effects

<table>
<thead>
<tr>
<th>Type</th>
<th>Effect</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Inhalation</td>
<td>Symptoms: mucosal irritations, Cough, Shortness of breath,</td>
<td>Possible damages: damage of respiratory tract</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mixture causes severe burns.</td>
</tr>
<tr>
<td>- Skin contact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Ingestion</td>
<td></td>
<td>If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Rabbit : Irritant.</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Rabbit : Irritant.</td>
<td></td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td></td>
<td>This information is not available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not sensitive.</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td>Not listed as carcinogenic.</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td></td>
<td>Not listed as mutagenic.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td></td>
<td>Not listed for reproductive toxicity.</td>
</tr>
<tr>
<td>Specific target organ toxicity</td>
<td>To human : Listed not for organ toxicity.</td>
<td></td>
</tr>
<tr>
<td>- single exposure</td>
<td>For animals : No effects known.</td>
<td></td>
</tr>
<tr>
<td>Specific target organ toxicity</td>
<td>To human : Listed not for organ toxicity.</td>
<td></td>
</tr>
<tr>
<td>- repeated exposure</td>
<td>For animals : No effects known.</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 12: Ecological information

12.1. Toxicity
Ecotoxicity:
- Sodium hydroxide: LC50 Gambusia affinis (Mosquito fish): 125 mg/l; 96 h
- Sodium hydroxide: EC50 Daphnia magna (Water flea): 76 mg/l; 24 h
- Sodium hydroxide: EC50 Photobacterium phosphoreum: 22 mg/l; 15 min

12.2. Persistence and degradability
The surfactant(s) contained in this preparation(s) meet the criteria for biodegradability laid down in Regulation (EC) no. 648/2004 on detergents. Data to support this assertion are held at the disposal of the Member States' competent authorities and will meet them be made available at direct request or at the request of a detergent manufacturer.

This mixture or substance
| Persistence and degradability | Not determined. |

12.3. Bioaccumulation
No additional information available - not expected

12.4. Mobility in soil
Moderately soluble in water.

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
- Photochemical ozone creation potential: No data available.
- Ozone depletion potential: No data available.
- Endocrine disrupting potential: No data available.
- Global warming potential: No data available.

SECTION 13: Disposal

13.1. Waste processing procedures
Waste / unused products: Collect all waste in suitable and labeled containers and remove in accordance with local regulations.

13.2. Additional information
Not known.
# SECTION 14: Information concerning transportation

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

## 14.1. UN number
UN No. (ADR): -

## 14.2. Proper shipping name of the model UN
Shipping Name: -
Transport document description: -

## 14.3. Transport hazard class (es)
Class (ADR): -
Danger labels (ADR): -

## 14.4. Packing
Packaging group (UN): -

## 14.5. Environmental hazards
Other information: No supplementary information available.

## 14.6. Special precautions for the user
- 

##### 14.6.1. Land Transport

- Hazard number (Kemler number): -
- Classification (ADR): -
- Transport category (ADR): -
- Tunnel category: -
- Limited quantities (ADR): -
- LQ: -
- Excluded amounts (ADR): -

##### 14.6.2. Transport by sea

EmS F-A S-B

##### 14.6.3. Air transport

No additional information available

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable
SECTION 15: Regulations

15.1. Specific safety-, health- and environmental regulations and legislation for the substance or the mixture

15.1.1. EU rules
Contains no material that falls under the restrictions of Annex XVII
This mixture is not on the candidate list of REACH
Does not contain any substances on the candidate list of REACH
Contains no REACH Annex XIV substance.

15.1.2. National regulations
No additional information available

15.2. Chemical safety
For this substance a chemical safety assessment is not required.

SECTION 16: Other information

It is recommended to pass on the information in this safety data sheet to the users, if necessary, in a modified form. This information is up-to-date to the best of our knowledge. The information relates to a specific product and is not valid in combination with other products.

This safety data sheet is prepared in accordance with EEC Regulation 1907/2006 / EEC. It is the responsibility of the user to take the necessary measures to comply with local laws and regulations. The manufacturer takes no responsibility for any loss or damage arising from the use of this data.

HISTORY
DATE OF LAST REVISION: 26-09-2017   REVIEW CHAPTER (S) No 1 t / m 16

List of Hazard Statements (H-Phrases)

Physical hazards
H290  May be corrosive to metals

Health hazards
H314  Causes severe skin burns and eye damage
List of Precautionary Statements (P-phrases)

Prevention precautionary statements

P260  Do not breathe dust/fume/gas/mist/vapors/spray
P280  Wear protective gloves/protective clothing/eye protection/face protection

Response precautionary statements

P303+P361+P353  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338  IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P310  Immediately call a POISON CENTER or doctor/physician
List of Abbreviations used in this MSDS:
CAS  Chemical Abstracts Service
CLP  Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD  Dangerous Substances Directive 67/548/EEC
DPD  Dangerous Preparations Directive 1999/45/EC
EC  European Community/Commission P
BT  Persistent, Bio accumulative and Toxic
vPvB  very Persistent, very Bio accumulative

Cleanright

SAFE USE ICONS

- Keep away from children.
- Rinse hands after use.
- Do not ingest. If product is ingested then seek medical advice.
- Do not mix with other products.
- Keep away from eyes. If product gets into eyes rinse thoroughly with water.
- People with sensitive or damaged skin should avoid prolonged contact with the product.
- Do not change container to store contents.
- Ventilate the room after use.
- Transfer refil content in the original container only.

- Use with dry hands.
- Close the bag properly.
- Close the lid properly.
- Do not pierce, break or cut.

www.cleanright.eu
NFPA

HEALTH HAZARD
4 — Deadly
3 — Extreme
DANGER
2 — Hazardous
1 — Slightly
Hazardous
0 — Normal
Material

FIRE HAZARD
Flash Points
4 — Below 73°F.
3 — Below 100°F.
2 — Above 100°F. Not exceeding 200°F.
1 — Above 200°F.
0 — Will not burn

SPECIFIC
HAZARD
Oxidizer OX
Acid ACID
Alkaline ALK
Corrosive COR
Use NO Water W
Radioactive ☢

REACTIVITY
4 — May detonate
3 — Shock and heat may detonate
2 — Violent chemical change
1 — Unstable # heated
0 — Stable

Other used names

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