

# Universal Coil Cleaner

## – EN

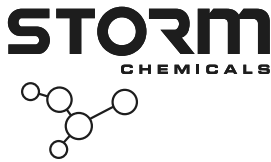
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**Valid for:** 1 year from approval

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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@aspenspumps.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 ).

Hazards for the health :

Remains in powder format up to 50°C. Creates an irritating puff of dust if spilt.

Hazards for the environment :

No significant danger. This product is no substance or contains no PBT or vPvB (in accordance with Annex XIII).

Hazards for the safety :

No significant danger.

**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 accordance with Regulation (EC) No. 1907/2006, Annex XIII.:

vP : no

vB : no



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**SECTION 3: Composition and information on ingredients**

**3.1. Substance**  
Not applicable

**3.2. Mixture [English]**

Name (IUPAC)	Product identification	%	Classification according to Regulation (EC) 1272/2008 [CLP]
Sodium Hydrogen Carbonate	(CAS No.) 144-55-8 (Einecs No.) 205-633-8 (REACH No.) 01-2119457606-32 E500(II)	> 10 - < 30	Not classified (GHS)
2-hydroxypropane-1,2,3-trioic acid	(CAS No.) 77-92-9 (Einecs No.) 201-069-1 (REACH No.) 01-2119457026-42-0004 E330	> 10 - < 30	H319  P264, P280, P305+P351+P338, P337+P313
Sodium Hydroxide	(CAS No.) 1310-73-2 (Einecs No.) 215-185-5 (REACH No.) 01-2119457892-27 E524	> 10 - < 30	H314, H290  P260, P280, P303+P361+P353, P305+P351+P338, P310
Sodium Lauryl Sulfate	(CAS No.) 85586-07-8 (Einecs No.) 287-809-4 (REACH No.) 01-2119489463-28-0007 E487	> 10 - < 30	H228, H302, H332, H315, H318, H335, H412  P210, P273, P280, P284, P310, P305+P351+P338, P501
Sodium-dodecylbenzenesulphonate	(CAS No.) 25155-30-0 (Einecs No.) 246-680-4 (REACH No.) 01-2119565112-48-0000 E211	> 1 - < 5	H315, H318, H412  P264, P280, P302+P352, P305+P351+P338, P310, P332 + P313

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

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**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:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Suitable extinguishing products or actions:	In case of fire in the vicinity all extinguishing products are allowed. Large quantities of water.
Unsuitable extinguishing products or actions:	Do not use a heavy water stream.

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

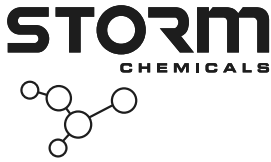
Fire danger:	Not combustible. Fire may liberate carbon oxides (CO <sub>x</sub> ) and smoke.
General measures:	Keep away from open flame.

**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 fire-fighting water to enter environment.

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**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

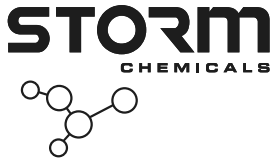
Storage humidity <50 RH

**7.3. Specific end use**

As a cleaning product according to packaging instructions.

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**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/m<sup>3</sup>

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**

Hand protection:

According local regulations. Consult safety expert.

Eye protection:

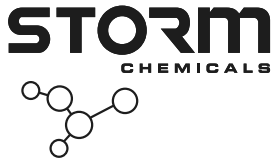
According local regulations. Consult safety expert.

Protection of skin and body:

According local regulations. Consult safety expert.

Respiratory protection:

According local regulations. Consult safety expert.



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**SECTION 9: Physical and chemical properties**

**9.1. Information about basic physical and chemical properties**

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

**9.2. Other information**

No additional information available

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**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**

Acute toxicity

- Inhalation :

Symptoms: mucosal irritations, Cough, Shortness of breath,  
Possible damages:; damage of respiratory tract

- Skin contact :

Mixture causes severe burns..

- Ingestion :

If ingested, severe burns of the mouth and throat, as well as a  
danger of perforation of the oesophagus and the stomach.

Skin corrosion/irritation :

Rabbit : Irritant.

Serious eye damage/irritation :

Rabbit : Irritant.

Aspiration hazard :

This information is not available.

Respiratory or skin sensitisation :

Not sensitive.

Carcinogenicity :

Not listed as carcinogenic.

Mutagenicity :

Not listed as mutagenic.

Reproductive toxicity :

Not listed for reproductive toxicity.

Specific target organ toxicity :

To human : Listed not for organ toxicity.

- single exposure

For animals : No effects known.

Specific target organ toxicity :

To human : Listed not for organ toxicity.

- repeated exposure

For animals : No effects known.

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**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.
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**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**

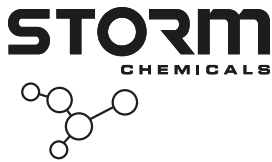
Waste / unused products: Collect all waste in suitable and labeled containers and remove in accordance with local regulations.

**13.2. Additional information**

Not known.

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**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

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**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**

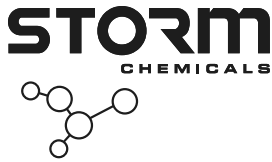
H290 May be corrosive to metals

**Health hazards**

H314 Causes severe skin burns and eye damage

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**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

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**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
- REACH Registration, Evaluation, Authorization and Restriction of Chemicals Regulation (EC) no 1907/2006
- vPvB very Persistent, very Bio accumulative

**Cleanright**

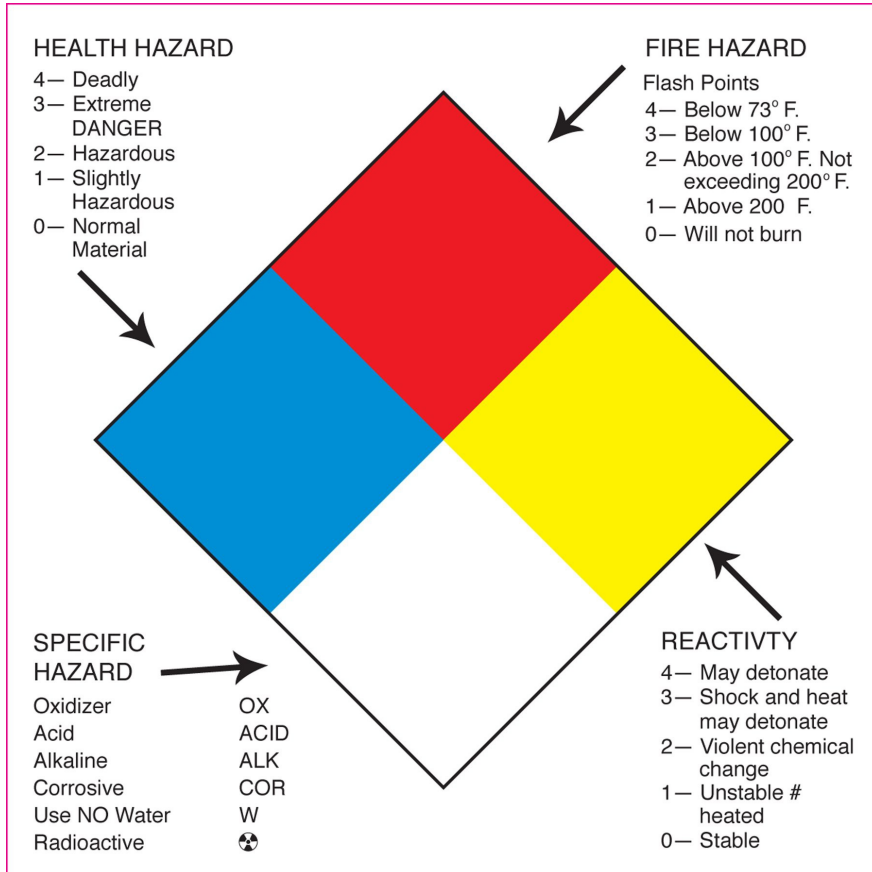
**SAFE USE ICONS**

			
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 refill content in the original container only			
			
Use with dry hands.	Close the bag properly.	Close the lid properly.	Do not pierce, break or cut.
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**NFPA**



**Other used names**

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