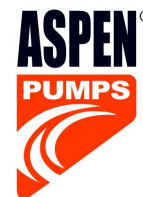




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7492/EN/SDS



Condenser 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: Condenser 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

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 :

Evaporates practically not at 20 °C; will be as a powder squirt an annoying concentration in the air.

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

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

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 _x) 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.

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

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.





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. Blue.
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

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.

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.

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



Acute Tox. 4 (Oral)	Acute oral toxicity Category 4
Eye Dam. 1	Serious eye damage / eye irritation, Category 1
Eye Irrit. 2	Serious eye damage / eye irritation, Category 2
Ox. Sol. 3	Oxidizing solids, Category 3
Skin Irrit. 2	Skin corrosion / irritation, Category 2
STOT SE 3	Specific target organ toxicity single exposure, Category 3, irritation of the respiratory tract
R11	Highly flammable
R20/22	Harmful by inhalation / Harmful if swallowed
R36	Irritating to eyes
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R8	Contact with combustible material
O	Oxidizing
Xi	Irritant
Xn	Harmful

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

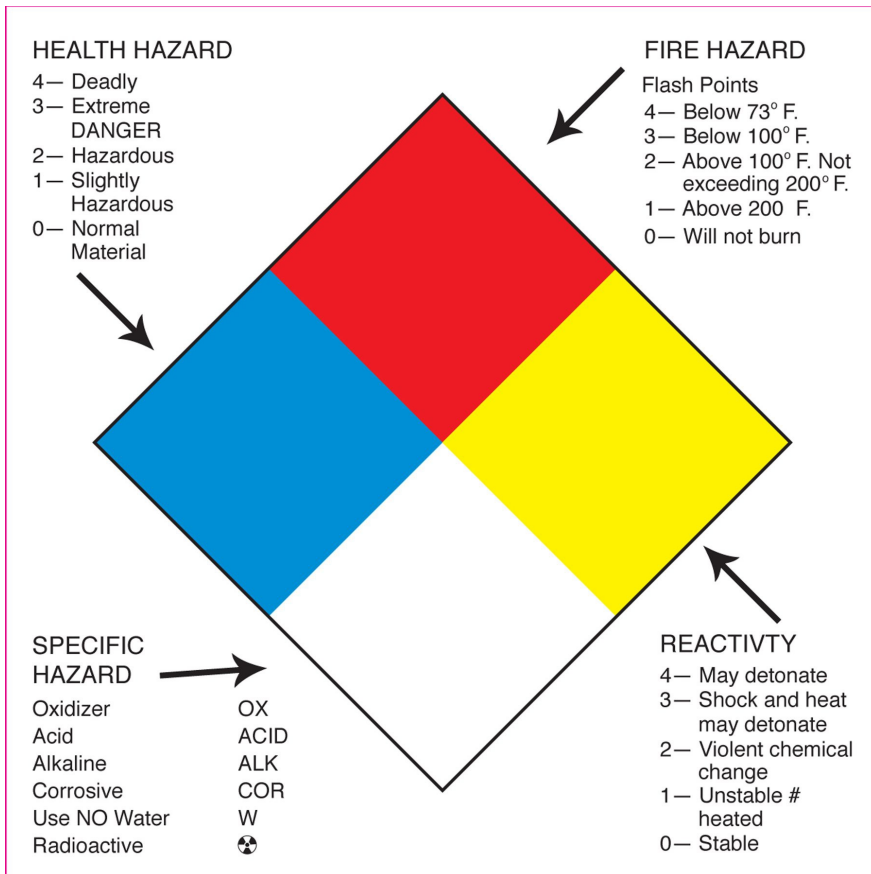
			
Keep away from children.	Rinse hands after use.	Do not ingest. If product is ingested then seek medical advice.	Do not mix with other products
			
Keep away from eyes. If product gets into eyes rinse thoroughly with water.	People with sensitive or damaged skin should avoid prolonged contact with the 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.
www.cleanright.eu			© A.I.S.E

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NFPA



Other used names

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