

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 15/10/2020 Version: 1.0

SECTION 1: Identification of the subst	ance/mixture and of the company/undertaking
1.1. Product identifier	
Product form Product name	: Mixture : Condenser Coil Cleaner
1.2. Relevant identified uses of the substa	nce or mixture and uses advised against
1.2.1. Relevant identified uses	
Main use category Use of the substance/mixture	: Professional use : Cleaning agent
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the safety da	ta sheet
Gel-Clear Ltd Mill Gap Building, 145 Boton Road Darwen United Kingdom T +44 (0)844 330 3643 jeannie@gel-clear.co.uk - www.gel-clear.co.uk	
1.4. Emergency telephone number	
Emergency number	: +44 (0)844 330 3643 Office hours only.
SECTION 2: Hazards identification 2.1. Classification of the substance or mix	ture
Classification according to Regulation (EC) No.	1272/2008 [CLP]
Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2 Full text of H statements : see section 16	H315 H319
Adverse physicochemical, human health and er No additional information available	nvironmental effects
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272 Hazard pictograms (CLP)	2/2008 [CLP]
Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)	 Warning H315 - Causes skin irritation. H319 - Causes serious eye irritation. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phosphoric Acid (Note B)	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24- XXXX	10 - 30	Skin Corr. 1B, H314 Eye Dam. 1, H318

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Phosphoric Acid	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24- XXXX	(10 ≤C < 25) Eye Irrit. 2, H319 (10 ≤C < 25) Skin Irrit. 2, H315 (25 ≤C < 100) Skin Corr. 1B, H314

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis. Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion	 May cause severe burns. Inhalation may cause irritation (cough, short breathing, difficulty in breathing). Causes skin irritation. Burns. Causes serious eye irritation. Risk of serious damage to eyes. Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

Treat symptomatically. Call a doctor.

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SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.: Do not use a heavy water stream.		
5.2. Special hazards arising from the substance or mixture			
Fire hazard Explosion hazard Reactivity in case of fire Hazardous decomposition products in case of fire	 Not flammable. No direct explosion hazard. Toxic fumes may be released. Nitrogen oxides. Carbon oxides. Sulphur oxides. 		
5.3. Advice for firefighters			
Precautionary measures fire Firefighting instructions	 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Avoid fire-fighting water entering the environment. Fight fire with normal precautions from a reasonable distance. 		
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.		

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective	equipment and emergency procedures	
General measures	: Avoid contact with skin and eyes.	
6.1.1. For non-emergency personnel		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up	
For containment Methods for cleaning up	 Absorb spillage. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and stora	ge
7.1. Precautions for safe handling	
Precautions for safe handling	Avoid breathing vapours, fume, mist, spray. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

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7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.

Incompatible products	:	Strong bases. Strong acids.
Incompatible materials	:	Sources of ignition. Direct sunlight.
Maximum storage period	:	12 months After Dilution
Packaging materials	:	Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
Phosphoric Acid (7664-38-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Orthophosphoric acid	
WEL TWA (mg/m³)	1 mg/m ³	
WEL STEL (mg/m ³)	2 mg/m ³	
Regulatory reference	EH40/2005 (Third edition, 2018). HSE	

8.2. Exposure controls

Personal protective equipment:

Avoid all unnecessary exposure. PPE compliant to the recommended EN/ISO or equivalent standards should be selected.

Materials for protective clothing:

Wear suitable coveralls to prevent exposure to the skin

Hand protection:

Wear protective gloves. Standard EN 374 - Protective gloves against chemicals.

Eye protection:

Chemical goggles or safety glasses. Standard EN 166 - Personal eye-protection - specifications

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from handling or use, respiratory protection equipment is required. Exposure limits for airborne contaminants must not be exceeded.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

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Colour Odour Odour threshold pH Relative evaporation rate (butylacetate=1) Melting point Freezing point Boiling point Flash point Auto-ignition temperature Decomposition temperature Flammability (solid, gas) Vapour pressure Relative vapour density at 20 °C Relative density Solubility Partition coefficient n-octanol/water (Log Pow) Viscosity, kinematic	 Colourless. characteristic. No data available 0.5 – 1.5 No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information		
11.1. Information on toxicologica	effects	
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified 	
Phosphoric Acid (7664-38-2)		
LD50 oral	1530 mg/kg bodyweight	
LD50 dermal	2740 mg/kg bodyweight	

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Skin corrosion/irritation	: Causes skin irritation. pH: 0.5 – 1.5
Additional information	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eve irritation.
	pH: 0.5 – 1.5
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	· Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Phosphoric Acid (7664-38-2)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated
	Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
L	

Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Harmful if swallowed.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - water Hazardous to the aquatic environment, short-term	: Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.: Not classified
(acute) Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Phosphoric Acid (7664-38-2)	
EC50 Daphnia 1	> 100 mg/l Test organisms (species): Daphnia magna
EC50 other aquatic organisms 1	> 100 mg/l waterflea
EC50 other aquatic organisms 2	> 100 mg/l
EC50 72h algae (1)	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
12.2. Persistence and degradability	

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Condenser Coil Cleaner	
Persistence and degradability	May cause long-term adverse effects in the environment.

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12.3. Bioaccumulative potential		
Condenser Coil Cleaner		
Bioaccumulative potential	Not established.	
Phosphoric Acid (7664-38-2)		
Partition coefficient n-octanol/water (Log Pow)	-0.77	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		

No additional information available

12.6. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations	5
13.1. Waste treatment methods	
Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RI	D / IMDG / IATA / ADN					
ADR	IMDG	ΙΑΤΑ	ADN	RID		
14.1. UN number						
UN 3264	UN 3264	UN 3264	UN 3264	UN 3264		
14.2. UN proper shipping	g name			-		
CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid)	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid)		
Transport document descri	iption (ADR)					
UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid), 8, III, (E)	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid), 8, III	UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid), 8, III	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid), 8, III	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric Acid), 8, III		
14.3. Transport hazard c	lass(es)					
8	8	8	8	8		
B	B	8	8	B		
14.4. Packing group						
III	III	III	III	111		

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environment : No Marine pollutant : Noenvironment : No environment : No Environment : Noenvironment : No environment : No Environment : Noenvironment : No environment : NoPortable tark and buik container special provisions (ADR):::<	(<u></u> _),			
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Inland waterway transport Classification code (ADN) : C1				
Classification code (ADN) : C1				
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Special provisions (ADN) · 974		: C1 : 274		
Limited quantities (ADN) : 5 L Excepted quantities (ADN) : E1				
Equipment required (ADN) : PP, EP				
Number of blue cones/lights (ADN) : 0				

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Rail transport		
Classification code (RID)	:	C1
Special provisions (RID)	:	274
Limited quantities (RID)	:	5L
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T7
Portable tank and bulk container special provisions	:	TP1, TP28
(RID)		
Tank codes for RID tanks (RID)	:	L4BN
Special provisions for RID tanks (RID)	:	TU42
Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)	:	W12
Colis express (express parcels) (RID)	:	CE8
Hazard identification number (RID)	:	80

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other i	nformation
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.
Full text of H- and EUH-st	atements:

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.