

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Product name	: Cleanall C309
Product code	: C309
Type of product	: Aqueous mixture based on :Toilet cleaners (acid),Non ionic surfactant
Product group	: Blend

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

1.2.1. Relevant identified uses

Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Highly concentrated disinfectant, descaler and deodorising cleaner for toilet/bathroom surfaces.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wessex Chemical Factors Ltd
9 Crane Way, Woolsbridge Industrial Park,
Three Legged Cross, Wimborne, Dorset
BH21 6FA - United Kingdom
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863
www.wessexchemicalfactors.co.uk

E-mail address of competent person responsible for the SDS : info@wessexchemicalfactors.co.uk

1.4. Emergency telephone number

Emergency number	: +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.) +44 (0) 7973629367 (Out of hours emergency number)
------------------	---

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

GHS09

Signal word (CLP)

: Danger

Hazardous ingredients

: phosphoric acid ... %, orthophosphoric acid ... %

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.
H411 - Toxic to aquatic life with long lasting effects.

Cleanall C309

Safety Data Sheet

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

Precautionary statements (CLP)

: P260 - Do not breathe spray, mist.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH208 - Contains (R)-p-mentha-1,8-diene; d-limonene(5989-27-5), 1,3-Dibutyl-2-thiourea(109-46-6). May produce an allergic reaction.

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 ... %, orthophosphoric 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	15 - 20	Met. Corr. 1, H290 Skin Corr. 1B, H314
C9-11 alcohol ethoxylate with 6.5 mol EO	(CAS-No.) 68439-46-3	0.1 - 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	(EC-No.) 939-350-2 (REACH-no) 01-2119970550-39-0000	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
(R)-p-mentha-1,8-diene; d-limonene (Note C)	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410
1,3-Dibutyl-2- thiourea	(CAS-No.) 109-46-6 (EC-No.) 203-674-6	< 0.1	Acute Tox. 4 (Dermal), H312 Skin Sens. 1A, H317 STOT RE 1, H372 Aquatic Chronic 2, H411
DIETHYL PHTHALATE substance with national workplace exposure limit(s) (GB)	(CAS-No.) 84-66-2 (EC-No.) 201-550-6	< 0.1	Not classified
ethanol; ethyl alcohol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	< 0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319

Specific concentration limits:

Name	Product identifier	Specific concentration limits
phosphoric acid ... %, orthophosphoric 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

Cleanall C309

Safety Data Sheet

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

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.

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

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). Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash contaminated clothing before reuse. Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Do NOT induce vomiting. Obtain emergency medical attention. Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--	--------------------------------

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
----------------------	---

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable 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

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

6.3. Methods and material for containment and cleaning up

For containment	: Stop leak without risks if possible. Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

Cleanall C309

Safety Data Sheet

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Sodium hypochlorite.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

EU - Occupational Exposure Limits

Local name	Orthophosphoric acid
IOELV TWA (mg/m ³)	1 mg/m ³
IOELV STEL (mg/m ³)	2 mg/m ³
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

United Kingdom - Occupational Exposure Limits

Local name	Orthophosphoric acid
WEL TWA (mg/m ³)	1 mg/m ³
WEL STEL (mg/m ³)	2 mg/m ³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

ethanol; ethyl alcohol (64-17-5)

United Kingdom - Occupational Exposure Limits

Local name	Ethanol
WEL TWA (mg/m ³)	1920 mg/m ³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

DIETHYL PHTHALATE (84-66-2)

United Kingdom - Occupational Exposure Limits

Local name	Diethyl phthalate
WEL TWA (mg/m ³)	5 mg/m ³
WEL STEL (mg/m ³)	10 mg/m ³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Safety glasses

Cleanall C309

Safety Data Sheet

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

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

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	: Liquid
Appearance	: Syrupy.
Colour	: Blue.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 1.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.094 g/cm ³
Solubility	: soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Not established.

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 bases. Sodium hypochlorite.

10.6. Hazardous decomposition products

fume. Carbon oxides (CO, CO₂).

Cleanall C309

Safety Data Sheet

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

LD50 oral rat	2600 mg/kg bodyweight
---------------	-----------------------

C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)

LD50 oral rat	< 2000 mg/kg
---------------	--------------

quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

LD50 oral rat	397.5 mg/kg
---------------	-------------

LD50 dermal rabbit	3412 mg/kg
--------------------	------------

ethanol; ethyl alcohol (64-17-5)

LD50 oral rat	10470 mg/kg
---------------	-------------

LD50 oral	3450 mg/kg (Mouse)
-----------	--------------------

LD50 dermal rat	15800 mg/kg
-----------------	-------------

LC50 inhalation rat (Vapours - mg/l/4h)	124.7 mg/l/4h
---	---------------

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

LD50 oral rat	> 5000 mg/kg bodyweight
---------------	-------------------------

DIETHYL PHTHALATE (84-66-2)

LD50 oral rat	8600 mg/kg
---------------	------------

LD50 dermal	22.4 g/kg Guinea Pig
-------------	----------------------

1,3-Dibutyl-2- thiourea (109-46-6)

LD50 oral rat	> 2000 mg/kg
---------------	--------------

LD50 dermal rat	2000 mg/kg bodyweight
-----------------	-----------------------

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 1.5

Serious eye damage/irritation : Causes serious eye damage.

pH: 1.5

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

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

NOAEL (subacute, oral, animal/male, 28 days)	825 mg/kg bodyweight
--	----------------------

NOAEL (subacute, oral, animal/female, 28 days)	1650 mg/kg bodyweight
--	-----------------------

Cleanall C309

Safety Data Sheet

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

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)	
LC50 fish 1	3 - 3.25 mg/l Bluegill, (<i>Lepomis macrochirus</i>)
EC50 Daphnia 1	> 100 mg/l
ErC50 (algae)	> 100 mg/l
TLM fish 1	138 ppm Western mosquitofish (<i>Gambusia affinis</i>)

C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)	
LC50 fish 1	1 - 10 mg/l

quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	
LC50 fish 1	0.515 mg/l <i>Lepomis macrochirus</i>
EC50 Daphnia 1	0.016 mg/l
EC50 other aquatic organisms 1	0.32 mg/l (<i>Acartia tonsa</i>)
EC50 72h algae (1)	0.03 mg/l Freshwater algae
EC50 72h algae (2)	0.207 mg/l Marine water algae
NOEC chronic fish	0.032 mg/l
NOEC chronic crustacea	0.025 mg/l
NOEC chronic algae	0.009 mg/l
EC50, microorganisms	7.75 mg/l (3 Hours)
NOEC, microorganisms	1.6 mg/l (3 Hours)

ethanol; ethyl alcohol (64-17-5)	
LC50 fish 1	13000 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
LC50 fish 2	14200 mg/l <i>Pimephales promelas</i> (Fat-head Minnow)
EC50 Daphnia 1	12340 mg/l
EC50 72h algae (1)	275 mg/l <i>Chlorella vulgaris</i>
NOEC chronic crustacea	9.6 mg/l <i>Daphnia magna</i>
EC50, algae, <i>Selenastrum capricornutum</i>	> 100 mg/l (48 Hours)

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
LC50 fish 1	0.72 mg/l Fathead minnows (<i>Pimephales promelas</i>)
EC50 Daphnia 1	0.307 mg/l
EC50 72h algae (1)	0.32 mg/l
NOEC chronic fish	0.37 mg/l
NOEC chronic crustacea	0.153 mg/l
NOEC chronic algae	0.174 mg/l

Cleanall C309

Safety Data Sheet

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

DIETHYL PHTHALATE (84-66-2)	
LC50 fish 1	12 mg/l Rainbow trout
LC50 fish 2	29 mg/l Sheephead minnow
EC50 Daphnia 1	90 mg/l
EC50 72h algae (1)	45 mg/l
NOEC chronic fish	1.9 mg/l
NOEC chronic crustacea	43 mg/l
NOEC chronic algae	9 mg/l

1,3-Dibutyl-2- thiourea (109-46-6)	
LC50 fish 1	17.8 mg/l
EC50 Daphnia 1	3.8 mg/l
ErC50 (algae)	6.9 mg/l

12.2. Persistence and degradability

Cleanall C309	
Persistence and degradability	Not established.

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)	
Persistence and degradability	Not established.

C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)	
Persistence and degradability	Readily biodegradable.

quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	
Persistence and degradability	Readily biodegradable.
Biodegradation	63 % (in 28 days)

ethanol; ethyl alcohol (64-17-5)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	0.8 - 0.967 g O ₂ /g substance
Chemical oxygen demand (COD)	1.7 g O ₂ /g substance
ThOD	2.1 g O ₂ /g substance
BOD (% of ThOD)	37.74 % ThOD
Biodegradation	84 % 20 days

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	80 % (28 days)

1,3-Dibutyl-2- thiourea (109-46-6)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Cleanall C309	
Bioaccumulative potential	Not established.

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)	
Bioaccumulative potential	No bioaccumulation.

Cleanall C309

Safety Data Sheet

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

C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)	
Bioaccumulative potential	Bioaccumulation unlikely.

quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	
Log Kow	2.75
Bioaccumulative potential	Low.

ethanol; ethyl alcohol (64-17-5)	
Log Pow	-0.32
Bioaccumulative potential	Low.

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
Log Pow	4.38

1,3-Dibutyl-2- thiourea (109-46-6)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

Cleanall C309	
Mobility in soil	When released into the soil, this material may leach into groundwater. May be partially neutralized by natural water hardness and minerals in the soil.
Ecology - soil	Mobile.

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)	
Ecology - soil	Product adsorbs onto the soil.

ethanol; ethyl alcohol (64-17-5)	
Surface tension	24.5 mN/m
Ecology - soil	Product evaporates when in contact with the air.

12.5. Results of PBT and vPvB assessment

Component	
C9-11 alcohol ethoxylate with 6.5 mol EO (68439-46-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides ()	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	PBT: not relevant – no registration required vPvB: not relevant – no registration required

12.6. Other adverse effects

Other adverse effects	: May cause pH changes in aqueous ecological systems.
Additional information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.






SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

Cleanall C309

Safety Data Sheet

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1805	UN 1805	UN 1805	UN 1805	UN 1805
14.2. UN proper shipping name				
PHOSPHORIC ACID, SOLUTION	PHOSPHORIC ACID SOLUTION	Phosphoric acid, solution	PHOSPHORIC ACID, SOLUTION	PHOSPHORIC ACID, SOLUTION
Transport document description				
UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, (E), ENVIRONMENTALLY HAZARDOUS	UN 1805 PHOSPHORIC ACID SOLUTION, 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1805 Phosphoric acid, solution, 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: C1
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR)	: E
EAC code	: 2R

Transport by sea

Special provisions (IMDG)	: 223
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-A

Cleanall C309

Safety Data Sheet

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

EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscible in water. Mildly corrosive to most metals.

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3, A803
ERG code (IATA) : 8L

Inland waterway transport

Classification code (ADN) : C1
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C1
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) : T4
Portable tank and bulk container special provisions (RID) : TP1
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 information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
-----	---

Cleanall C309

Safety Data Sheet

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

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

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-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Cleanall C309

Safety Data Sheet

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

EUH208	Contains (R)-p-mentha-1,8-diene; d-limonene(5989-27-5), 1,3-Dibutyl-2- thiourea(109-46-6). May produce an allergic reaction.
--------	--

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.