SAFETY DATA SHEET

Quantum Alloy Wheel Cleaner

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

1.1. Product identifier

Product name Quantum Alloy Wheel Cleaner

Product number ZGBALOYCLEAN5L, ZGBALOYCLENSAM

Internal identification B50912, 30054, 30069

Container size 5 litre bottles to 25 litre drums.

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

Identified uses Car maintenance product. Cleaning agent.

Uses advised against This product is not recommended for any industrial, professional or consumer use other than the identified uses stated above.

1.3. Details of the supplier of the safety data sheet

Supplier

Volkswagen Group United Kingdom Ltd
Yeomans Drive
Blakelands
Milton Keynes

MK14 5AN
01908 601601

1.4. Emergency telephone number

Emergency telephone Tel:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Corr. 1A - H314 Eye Dam. 1 - H318

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

C;R34.

Human health

The liquid is strongly irritating to eyes and skin. The product contains small amounts of organic solvents.

Environmental

The product is not expected to be hazardous to the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Physicochemical

When handled correctly, undamaged units represent no danger.

2.2. Label elements

Pictogram

Quantum Alloy Wheel Cleaner

Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P264 Wash contaminated skin 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.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P102 Keep out of reach of children.

Supplemental label information

RCH002a Restricted to professional users.

Contains PHOSPHORIC ACID , C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Detergent labelling < 5% anionic surfactants, < 5% non-ionic surfactants

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PHOSPHORIC ACID **10-30%**

CAS number: 7664-38-2 **EC number:** 231-633-2 **REACH registration number:** 01-2119485924-24-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Corr. 1B - H314 Eye Dam. 1 - H318	C;R34

C9-11 ALCOHOL ETHOXYLATE 6.5MEO **1-5%**

CAS number: 68439-46-3 **EC number:** —

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 Eye Dam. 1 - H318	Xn;R22. Xi;R41.

N,N-dimethyldecylamine N-oxide **<1%**

CAS number: 2605-79-0 **EC number:** 220-020-5 **REACH registration number:** 01-2119959297-22-XXXX
M factor (Acute) = 1

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	Xi;R38,R41.

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OLEOYL SARCOSINE	<1%
CAS number: 110-25-8 **EC number:** 203-749-3 **REACH registration number:** 01-2119488991-20-XXXX **M factor (Acute) =** 1	
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	**Classification (67/548/EEC or 1999/45/EC)** Xn;R20. Xi;R38,R41. N;R50.

METHANOL	<1%
CAS number: 67-56-1 **EC number:** 200-659-6 **REACH registration number:** 01-2119433307-44-XXXX	
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	**Classification (67/548/EEC or 1999/45/EC)** F;R11 T;R23/24/25,R39/23/24/25

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

This is unlikely to occur but symptoms similar to those of ingestion may develop. Irritation of nose, throat and airway.

Ingestion

This is an unlikely accidental route of exposure, but when Ingested in large amounts:- Burning sensation in mouth. May cause stomach pain or vomiting.

Skin contact

This product is strongly irritating. May cause serious chemical burns to the skin.

Eye contact

May cause severe eye irritation. Prolonged or repeated exposure may cause the following adverse effects: Risk of serious

Quantum Alloy Wheel Cleaner

damage to eyes.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

The product is non-combustible. Toxic and corrosive gases or vapours. Phosphoric acid mist. Oxides of the following substances: Phosphorus. No unusual fire or explosion hazards noted.

Hazardous combustion products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Thermal decomposition or combustion products may include the following substances: Corrosive gases or vapours. Phosphorus Oxides Phosphoric acid mist.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before

leaving the work site. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid freezing. Keep only in the original container.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m3
Short-term exposure limit (15-minute): WEL 2 mg/m3

OLEOYL SARCOSINE

No exposure limit value known.

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m3
Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m3
Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

Ingredient comments

WEL = Workplace Exposure Limits

PHOSPHORIC ACID (CAS: 7664-38-2)

DNEL	Workers - Inhalation; Long term local effects: 1 mg/m³ Workers - Inhalation; Short term Acute: 2 mg/m³ General population - Inhalation; Long term local effects: 0.73 mg/m³
PNEC	No PNEC available.

SODIUM XYLENE SULPHONATE (CAS: 1300-72-7)

DNEL	Workers - Inhalation; Long term systemic effects: 26.9 mg/m³ Workers - Dermal; Long term systemic effects: 136.25 mg/kg bw/day Workers - Dermal; Long term local effects: 0.096 mg/cm² General population - Inhalation; Long term systemic effects: 6.6 mg/m³ General population - Dermal; Long term systemic effects: 68.1 mg/kg bw/day General population - Dermal; Long term local effects: 0.048 mg/cm² General population - Oral; Long term systemic effects: 3.8 mg/kg bw/day
PNEC	- Fresh water; 0.23 mg/l - Intermittent release; 2.3 mg/l - STP; 100 mg/l

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N,N-dimethyldecylamine N-oxide (CAS: 2605-79-0)

DNEL	Workers - Inhalation; Long term systemic effects: 6.2 mg/m³ Workers - Dermal; Long term systemic effects: 11 mg/kg bw/day General population - Inhalation; Long term systemic effects: 1.53 mg/m³ General population - Dermal; Long term systemic effects: 5.5 mg/kg bw/day General population - Oral; Long term systemic effects: 0.44 mg/kg bw/day
PNEC	- Fresh water; 0.0335 mg/l - Marine water; 0.00335 mg/l - Intermittent release; 0.0335 mg/l - STP; 4.59 mg/l - Sediment (Freshwater); 5.24 mg/kg sediment dw - Sediment (Marinewater); 0.524 mg/kg sediment dw - Soil; 1.02 mg/kg soil dw

OLEOYL SARCOSINE (CAS: 110-25-8)

DNEL	Consumer - Oral; Short term Acute: 92 mg/kg bw/day Consumer - Oral; Long term systemic effects: 5 mg/kg bw/day Consumer - Dermal; Short term Acute: 50 mg/kg bw/day Industry - Dermal; Short term Acute: 100 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 5 mg/kg bw/day Industry - Dermal; Long term systemic effects: 10 mg/kg bw/day Consumer - Inhalation; Short term Acute: 9 mg/m3 Industry - Inhalation; Short term Acute: 18 mg/m3 Industry - Inhalation; Long term systemic effects: 0.2 mg/m3 Industry - Inhalation; Long term local effects: 0.01 mg/m³ Consumer - Inhalation; Long term systemic effects: 0.1 mg/m³ Consumer - Inhalation; Long term local effects: 0.005 mg/m³
PNEC	- Marine water; 0.000043 mg/l - Fresh water; 0.00043 mg/l - Intermittent release; 0.0043 mg/l - STP; 13 mg/l

C12-15 ALCOHOL ETHOXYLATE, 9 MOLES EO (CAS: 68131-39-5)

DNEL	No DNEL available.
PNEC	No PNEC available.

2,2'-[[(4-METHYL-1H-BENZOTRIAZOL-1-YL)METHYL]IMINO]BISETHANOL (CAS: 80584-89-0)

DNEL	No DNEL available.
PNEC	No PNEC available.

2,2'-[[(5-METHYL-1H-BENZOTRIAZOL-1-YL)METHYL]IMINO]BISETHANOL (CAS: 80584-88-9)

DNEL	No DNEL available.
PNEC	No PNEC available.

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METHANOL (CAS: 67-56-1)

DNEL	Industry - Dermal; Short term systemic effects: 40 mg/kg/day Industry - Dermal; Long term systemic effects: 40 mg/kg/day Industry - Inhalation; Short term systemic effects: 260 mg/m3 Industry - Inhalation; Long term systemic effects: 260 mg/m3 Consumer - Oral; Short term systemic effects: 8 mg/kg/day Consumer - Oral; Long term systemic effects: 8 mg/kg/day Consumer - Dermal; Short term systemic effects: 8 mg/kg/day Consumer - Dermal; Long term systemic effects: 8 mg/kg/day Consumer - Inhalation; Short term systemic effects: 50 mg/m3 Industry - Inhalation; Short term local effects: 260 mg/m³ Industry - Inhalation; Long term local effects: 260 mg/m³ Consumer - Inhalation; Short term local effects: 50 mg/m³ Consumer - Inhalation; Long term systemic effects: 50 mg/m³ Consumer - Inhalation; Long term local effects: 50 mg/m³
PNEC	- Fresh water; 154 mg/l - Marine water; 15.4 mg/l - Soil; 23.5 mg/kg - STP; 100 mg/l - Sediment (Freshwater); 570.4 mg/l

8.2. Exposure controls

Protective equipment


Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Contact lenses should not be worn when working with this chemical. Use safety glasses (with side shields), consistent with EN 166 or equivalent.

Hand protection

Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. If hands are cut or scratched, use gloves chemically resistant to this material even for brief exposures. Use gloves with insulation for thermal protection (EN 407), when needed. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a
protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station and safety shower. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

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Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Colourless to pale yellow liquid.

Odour

Slight.

pH

pH (concentrated solution): 0.70 - 1.20

Flash point

> 150°C CC (Closed cup).

Relative density

1.155 g / ml @ 20°C

Solubility(ies)

Completely soluble in water.

9.2. Other information

Volatile organic compound

This product contains a maximum VOC content of 30 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactions with the following materials may generate heat: Strong alkalis.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Avoid contact with incompatible substances. Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. The following materials may react strongly with the product: Alkaline earth metals. Powdered metal. Reactions with the following materials may generate heat: Alkalis. Amines. Avoid contact with the following materials: Strong oxidising agents.

10.5. Incompatible materials

Materials to avoid

Alkalis - inorganic. Alkalis - organic. Strong oxidising agents. Powdered metal. Alkali metals. Alkaline earth metals. Inorganic hydrides. Inorganic nitrides. Inorganic nitrites. Inorganic cyanides. Mercaptans (thiols).

10.6. Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Phosphorus.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

84,210.52631579

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Skin corrosion/irritation

Animal data

Corrosive to skin.

Serious eye damage/irritation

Risk of serious damage to eyes.

General information

To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.

Inhalation

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

May cause discomfort if swallowed.

Skin contact

Irritating to skin. Prolonged contact causes serious tissue damage.

Eye contact

Irritating to eyes. Prolonged contact causes serious eye and tissue damage.

Acute and chronic health hazards

Not expected to be a health hazard when used under normal conditions.

Route of entry

Skin and/or eye contact

Target organs

Eyes Skin Respiratory system, lungs Gastro-intestinal tract

Medical symptoms

Irritation of eyes and mucous membranes. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Toxicological information on ingredients.

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PHOSPHORIC ACID

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,600.0

Species

Rat

ATE oral (mg/kg)

2,600.0

Acute toxicity - dermal

Data lacking.

Acute toxicity - inhalation

Inconclusive data.

Skin corrosion/irritation

Animal data

Rabbit Causes severe burns.

Serious eye damage/irritation

Rabbit Causes burns.

Respiratory sensitisation

Data lacking.

Skin sensitisation

Data lacking.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

Data lacking.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Data lacking.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

No data available.

Inhalation

Vapours irritate the respiratory system. May cause coughing and difficulties in breathing.

Ingestion

Causes severe burns. Danger of perforation of the oesophagus and the stomach.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

This product is strongly corrosive. Causes severe skin burns and eye damage. Immediate first aid is imperative.

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C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

1,200.0

Species

Rat

ATE oral (mg/kg)

1,200.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2001.0

Species

Rabbit

ATE dermal (mg/kg)

2001.0

Acute toxicity - inhalation

Data lacking.

Skin corrosion/irritation

Animal data

Slightly irritating.

Serious eye damage/irritation

May cause irreversible eye damage.

Respiratory sensitisation

Not sensitising.

Skin sensitisation

Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro

Data lacking.

Genotoxicity - in vivo

Data lacking.

Carcinogenicity

Data lacking.

Reproductive toxicity

Reproductive toxicity - fertility

Data lacking.

Specific target organ toxicity - single exposure

STOT - single exposure

Data lacking.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Data lacking.

Aspiration hazard

No data available.

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause stomach pain or vomiting.

Skin contact

There may be mild irritation at the site of contact.

Eye contact

Risk of serious damage to eyes.

SECTION 12: Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Ecological information on ingredients.

PHOSPHORIC ACID

Ecotoxicity

Avoid the spillage or runoff entering drains, sewers or watercourses.

12.1. Toxicity

Ecological information on ingredients.

PHOSPHORIC ACID

Acute toxicity - aquatic invertebrates

EC_{50}, 48 hours: >100 mg/l, Daphnia magna NOEC, 48 hours: 56 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC_{50}, 72 hours: >100 mg/l, Desmodesmus subspicatus NOEC, 72 hours: 100 mg/l, Desmodesmus subspicatus

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Acute toxicity - fish

EC_{50}, 96 hours: 8.5 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC_{50}, 48 hours: 5.3 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability

The product contains mainly inorganic substances which are not biodegradable. The other substances in the product are expected to be readily biodegradable.

Ecological information on ingredients.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Persistence and degradability

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product contains substances which are water-soluble and may spread in water systems.

Ecological information on ingredients.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

PHOSPHORIC ACID

PBT assessment does not apply.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Ecological information on ingredients.

PHOSPHORIC ACID

Caustic even in diluted form.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	1760
UN No. (ADN)	1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)
Proper shipping name (IMDG)	CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)
Proper shipping name (ICAO)	CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)
Proper shipping name (ADN)	CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

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Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

EU legislation

Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). 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 (as amended).

Guidance

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued by	HS&E Manager.
Revision date	22/12/2014
Revision	2
Supersedes date	20/06/2013
SDS number	20544
SDS status	Approved.

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Risk phrases in full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R36/38 Irritating to eyes and skin.

Hazard statements in full

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H370 Causes damage to organs .
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.