

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: +44 1604 701111 (Office Hours Monday - Friday (0900 Hrs - 1700 Hrs))
---------------------	---

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Corr. 1A - H314 Eye Dam. 1 - H318
Environmental hazards	Not Classified

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

Hazard pictograms



Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.

Quantum Alloy Wheel Cleaner

Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P102 Keep out of reach of children.</p>
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
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318	
C9-11 ALCOHOL ETHOXYLATE 6.5MEO	1-5%
CAS number: 68439-46-3	
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	
N,N-dimethyldecylamine N-oxide	<1%
CAS number: 2605-79-0	EC number: 220-020-5
M factor (Acute) = 1	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	
OLEOYL SARCOSINE	<1%
CAS number: 110-25-8	EC number: 203-749-3
M factor (Acute) = 1	
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

Quantum Alloy Wheel Cleaner

METHANOL	<1%
CAS number: 67-56-1	EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	

The full text for all hazard statements is 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. 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 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

Quantum Alloy Wheel Cleaner

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

Long-term exposure limit (8-hour TWA): 2006/15/EC 200 ppm 260 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

Ingredient comments WEL = Workplace Exposure Limits

Quantum Alloy Wheel Cleaner

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 (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

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

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.

Quantum Alloy Wheel Cleaner

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.
	METHANOL (CAS: 67-56-1)
DNEL	<p>Industry - Dermal; Short term Acute: 40 mg/kg bw/day Industry - Dermal; Long term systemic effects: 40 mg/kg bw/day Industry - Inhalation; Short term Acute: 260 mg/m³ Industry - Inhalation; Long term systemic effects: 260 mg/m³ Consumer - Dermal; Short term Acute: 8 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 8 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 50 mg/m³ Industry - Inhalation; Short term Acute: 260 mg/m³ Industry - Inhalation; Long term local effects: 260 mg/m³ Consumer - Inhalation; Short term Acute: 50 mg/m³ Consumer - Inhalation; Long term local effects: 50 mg/m³</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 20.8 mg/l - marine water; 2.08 mg/l - Soil; 3.18 mg/kg soil dw - STP; 100 mg/l - Sediment (Freshwater); 77 mg/kg sediment dw - Intermittent release; 1540 mg/l - Sediment (Marinewater); 7.7 mg/kg sediment dw

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.

Quantum Alloy Wheel Cleaner

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 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.
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 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

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

Possibility of hazardous reactions	Avoid contact with incompatible substances. Will not polymerise.
------------------------------------	--

10.4. Conditions to avoid

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

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)	84,210.53

Quantum Alloy Wheel Cleaner

Skin corrosion/irritation	
Animal data	Corrosive to skin.
Serious eye damage/irritation	
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 exposure	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.	

PHOSPHORIC ACID

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	2,600.0
Species	Rat
ATE oral (mg/kg)	2,600.0
Acute toxicity - dermal	
Notes (dermal LD ₅₀)	Data lacking.
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	Inconclusive data.
Skin corrosion/irritation	
Animal data	Rabbit Causes severe burns.
Serious eye damage/irritation	
Serious eye damage/irritation	Rabbit Causes burns.
Respiratory sensitisation	
Respiratory sensitisation	Data lacking.
Skin sensitisation	
Skin sensitisation	Data lacking.
Germ cell mutagenicity	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	Data lacking.
Reproductive toxicity	

Quantum Alloy Wheel Cleaner

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	
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.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Acute toxicity - oral	
Acute toxicity oral (LD ₅₀ mg/kg)	1,200.0
Species	Rat
ATE oral (mg/kg)	1,200.0
Acute toxicity - dermal	
Acute toxicity dermal (LD ₅₀ mg/kg)	2,001.0
Species	Rabbit
ATE dermal (mg/kg)	2,001.0
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	Data lacking.
Skin corrosion/irritation	
Animal data	Slightly irritating.
Serious eye damage/irritation	
Serious eye damage/irritation	May cause irreversible eye damage.
Respiratory sensitisation	
Respiratory sensitisation	Not sensitising.
Skin sensitisation	
Skin sensitisation	Not sensitising.
Germ cell mutagenicity	
Genotoxicity - in vitro	Data lacking.
Genotoxicity - in vivo	Data lacking.
Carcinogenicity	
Carcinogenicity	Data lacking.
Reproductive toxicity	

Quantum Alloy Wheel Cleaner

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	
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 aquatic toxicity	
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, Desmodemus subspicatus NOEC, 72 hours: 100 mg/l, Desmodemus subspicatus

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Acute aquatic toxicity	
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 The Detergents Regulations (as amended).
-------------------------------	--

12.3. Bioaccumulative potential

Quantum Alloy Wheel Cleaner

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

Ecological information on ingredients.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Bioaccumulative potential 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

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

PHOSPHORIC ACID

Results of PBT and vPvB assessment PBT assessment does not apply.

C9-11 ALCOHOL ETHOXYLATE 6.5MEO

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Ecological information on ingredients.

PHOSPHORIC ACID

Other adverse effects 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. (CONTAINS PHOSPHORIC ACID)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHORIC ACID)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHORIC ACID)

Quantum Alloy Wheel Cleaner

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (CONTAINS 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

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 MARPOL 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 The Detergents Regulations (as amended).
Guidance	Approved Classification and Labelling Guide (Sixth edition) L131. Introduction to Local Exhaust Ventilation HS(G)37. Workplace Exposure Limits EH40. CHIP for everyone HSG228.

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.

Quantum Alloy Wheel Cleaner

Revision date	16/11/2022
Revision	6
Supersedes date	06/11/2018
SDS number	20544
SDS status	Approved.
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 (Central nervous system, Optic Nerve (Nervus Opticus)). H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.