

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Name	Pro Finish Alloy Wheel Cleaner
Product code	1872
Unique Formula Identifier (UFI)	C0R1-70UJ-Y00U-GH5D
1.2 Relevant identified uses of the substa	ance or mixture and uses advised against
Identified Use(s)	Cleaning/washing agents and additives
Uses Advised Against	Not known.
1.3 Details of the supplier of the safety da	ata sheet
Manufacturer	
Company Identification	Granville Oil & Chemicals Ltd
Address of Manufacturer	29 Goldthorpe Ind. Est.,
	Goldthorpe,
	Rotherham,
	South Yorkshire,
Postal code	S63 9BL
Telephone:	+44 (0)1709 890099
Fax	Not known.
E-mail	lab@granvilleoil.com
Office hours	08:00 - 17:00
Supplier	
Company Identification	Veedol Deutschland GmbH
Address of Supplier	Hans-Böckler-Straße 10
	Langenfeld,
	Germany
Postal code	40764
Telephone:	+49 (0) 2173 893 30 30
Fax	Not known.
E-mail	lab@granvilleoil.com
Office hours	
1.4 Emergency telephone number	
Emergency Phone No.	+44 (0)1709 890099
Contact	Granville Lab
National response centre	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



Regulation (EC) No. 1272/2008 (CLP)	Met. Corr. 1 :May be corrosive to metals.
	Skin Irrit. 2 :Causes skin irritation.
	Eye Dam. 1 :Causes serious eye damage.
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Pro Finish Alloy Wheel Cleaner AMMONIUM BIFLUORIDE
Contains	AMMONIUM BIFLUORIDE
Hazard Pictogram(s)	\wedge
	∇
	GHS05
Signal Word(s)	Danger
Hazard Statement(s)	H290: May be corrosive to metals.
	H315: Causes skin irritation.
	H318: Causes serious eye damage.
Precautionary Statement(s)	P234: Keep only in original packaging.
Frecautionary Statement(S)	P264: Wash hands and exposed 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+P310: IF IN EYES: Rinse cautiously with water for several
	minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	Immediately call a POISON CENTRE/doctor.
	P390: Absorb spillage to prevent material damage.
Unique Formula Identifier (UFI)	C0R1-70UJ-Y00U-GH5D
2.3 Other hazards	
	None known.
2.4 Additional Information	
	For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH	%W/W	Hazard Statement(s)	Hazard
		Registration No.			Pictogram(s)



sulphuric acid %	7664-93-9	231-639-5	1-5	Skin Corr. 1A H314	GHS05
phosphoric acid %, orthophosphoric acid %	7664-38-2	231-633-2	1-5	Met. Corr. 1 H290 Acute Tox. 4 H302 Skin Corr. 1A H314 Eye Dam. 1 H318	GHS05 GHS07
1-Heptanol, 2-propyl- , 7EO	160875-66-1	605-233-7	1-5	Acute Tox. 4 H302 Eye Dam. 1 H318	GHS05 GHS07
Alcohols C12-14, ethoxylated (>2-5EO)	68439-50-9		1-5	Acute Tox. 4 H302 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05 GHS07
ammonium bifluorideammonium hydrogen difluoride	1341-49-7	215-676-4	<1	Acute Tox. 3 H301 Skin Corr. 1A H314	GHS06 GHS05
2-(2-butoxyethoxy)ethanoldiethylene glycol monobutyl ether	112-34-5	203-961-6	<1	Eye Irrit. 2 H319	GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-	ATE
				factor	
sulphuric acid %	7664-93-9	Skin Corr. 1A	C>= 15.00 <= 100.00		
		Skin Irrit. 2	C>= 5.00 < 15.00		
		Eye Irrit. 2	C>= 5.00 < 15.00		
phosphoric acid %, orthophosphoric	7664-38-2				Acute Tox. 4
acid %					(H302) : 500
1-Heptanol, 2-propyl- , 7EO	160875-66-1				Acute Tox. 4 (H302) : 500
Alcohols C12-14, ethoxylated (>2-5EO)	68439-50-9				Acute Tox. 4 (H302) : 500
ammonium bifluorideammonium hydrogen difluoride	1341-49-7				Acute Tox. 3 (H301) : 100

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.



SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures				
Inhalation	Remove person to fresh air and keep comfortable for breathing.			
Skin Contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation			
	occurs: Get medical advice/attention.			
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present			
	and easy to do. Continue rinsing. Call a physician immediately.			
Ingestion	Call a poison centre or a doctor if you feel unwell.			
4.2 Most important symptoms and effects, both acute and delayed				
Symptoms/effects after skin contact	Irritation.			
Symptoms/effects after eye contact	Serious damage to eyes.			
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	Water spray. Dry powder. Foam. Carbon dioxide.
5.2 Special hazards arising from the sul	ostance or mixture
Hazardous decomposition products in	Toxic fumes may be released.
case of fire	
5.3 Advice for firefighters	
	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				
Emergency procedures	Ventilate spillage area. Avoid contact with skin and eyes.			
Protective equipment	Do not attempt to take action without suitable protective equipment. For further			
	information refer to section 8: "Exposure controls/personal protection".			
6.2 Environmental precautions				
	Avoid release to the environment.			
6.3 Methods and material for containment and cleaning up				
Methods for cleaning up	Take up liquid spill into absorbent material.			
Other information	Dispose of materials or solid residues at an authorized site.			
6.4 Reference to other sections				
	See Also Section 8, 13.			

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using
Hygiene measures	this product. Always wash hands after handling the product.
7.2 Conditions for safe storage, includin	g any incompatibilities
Storage conditions	Store in corrosive resistant container with a resistant inner liner. Keep only in
	original container. Store in a well-ventilated place. Keep cool.
Incompatible materials	Metals.
7.3 Specific end use(s)	

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limi	its					
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m³)	Note
Sulphuric acid (mist)	7664-93-9		0.05			(k)
Orthophosphoric acid	7664-38-2		1		2	
Fluoride (inorganic as F)	1341-49-7		2.5			
2-(2-Butoxyethoxy) ethanol	112-34-5	10	67.5	15	101.2	

 Region
 Source

 United Kingdom
 UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
(k)	The mist is defined as the thoracic fraction

8.2 Exposure controls

8.2.1. Appropriate engineering controls		Provide adequate ventilation, including appropriate local extraction. A washing
		facility/water for eye and skin cleaning purposes should be present.
8.2.2. Persona	al protection equipment	
6	Eye Protection	Wear eye protection with side protection (EN166).
	Skin protection	Wear protective clothing and gloves: Impervious gloves (EN 374).
60	Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.





Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Colour	Light blue.
Odour	Slight.
Melting point/freezing point	O° 0
Boiling point or initial boiling point and	100 °C
boiling range	
Flammability	Non-flammable.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	1 – 2
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Soluble in water.
	Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log	Not known.
value)	
Vapour pressure	Not known.
Density and/or relative density	1.018
Relative vapour density	Not known.
Particle characteristics	Not known.
9.2 Other information	
	None.

9.1 Information on basic physical and chemical properties

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	
	None anticipated.
10.2 Chemical Stability	
	Stable under normal conditions.
10.3 Possibility of hazardous reactions	
	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	
	Incompatible materials
10.5 Incompatible materials	
	Metals.
10.6 Hazardous decomposition products	



No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified.
	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 6250
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Self classification: Causes serious eye damage.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.
11.2 Information on other hazards	

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to invertebrates.
Low toxicity to fish.
Low toxicity to algae.
Not classified.
Not classified.
Not known.
Not known.
Not known.
ent
Not known.
None known.
Not known.



SECTION 13: DISPOSAL CONSIDERATIONS 13.1 Waste treatment methods

Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

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13.2 Additional Information
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Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number	
UN No.	1760
14.2 UN proper shipping name	
UN proper shipping name	CORROSIVE LIQUID, N.O.S.
14.3 Transport hazard class(es)	
ADR/RID	
ADR/RID Class	8
ADR Classification Code	C9
Special Provisions	274
Limited Quantities	5 L
Excepted Quantities	E1
Emergency Action Code	2X
Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Instructions for Portable Tanks	Т7
Special Provisions for Portable Tanks	TP1 TP28
Tank Code for Tanks	L4BN
Special Provisions for Tanks	
Vehicle for Tank Carriage	AT
ADR Transport Category	3
Tunnel Restriction Code	E
Special Provisions for Carriage -	V12
Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading	,
Unloading and Handling	
Special Provisions for Carriage -	
Operation	
ADR HIN	80
IMDG	
IMDG Class	8
Special Provisions	223 274
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 LP01 IBC03



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Special Packing Provisions for Packages

Instructions for Portable Tanks	Т7
Special Provisions for Portable Tanks	TP1 TP28
IMDG EMS	F-A, S-B
Stowage and Handling	Category A SW2
Segregation	
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	CORROSIVE LIQUID, N.O.S.
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited	Y841
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	1L
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing	852
Instructions	
Passenger and Cargo Aircraft Max net	5L
Qty	
Cargo Aircraft Packing Instructions	856
Cargo Aircraft Max net Qty	60L
Special Provisions	A3, A803
Emergency Response Guidebook (ERG)	8L
Code	
Labels	
Labels	8
	8
14.4 Packing group	· /
Packing group	Ш
14.5 Environmental hazards	
Environmental hazards	Not classified as a Marine Pollutant.
14.6 Special precautions for user	
Special precautions for user	Not known.
14.7 Maritime transport in bulk according	to IMO instruments
	No information available

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use Candidate List of Substances of Very Not listed High Concern for Authorisation REACH: ANNEX XIV list of substances Not listed subject to authorisation



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REACH: Annex XVII Restrictions on the	2-(2-butoxyethoxy)ethanol (DEGBE) (112-34-5), sulphuric acid % (7664-93-9),
manufacture, placing on the market and	phosphoric acid %, orthophosphoric acid % (7664-38-2), 1-Heptanol, 2-propyl-
use of certain dangerous substances,	, 7EO (160875-66-1), Alcohols C12-14, ethoxylated (>2-5EO) (68439-50-9),
mixtures and articles	ammonium bifluorideammonium hydrogen difluoride (1341-49-7)
Community Rolling Action Plan (CoRAP)) Not listed
Regulation (EU) N° 2019/1021 of the	Not listed
European Parliament and of the Council	
on persistent organic pollutants	
Regulation (EC) N° 1005/2009 on	Not listed
substances that deplete the ozone layer	
Regulation (EU) N° 649/2012 of the	Not listed
European Parliament and of the Council	
concerning the export and import of	
hazardous chemicals	
National regulations	
Other	Not known.
15.2 Chemical Safety Assessment	
	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)	GHS05
	GHS06: GHS: Skull and crossbones
	GHS07: GHS: Exclamation mark
Hazard classification	Met. Corr. 1 : Substance or mixture corrosive to metals, Category 1 Acute Tox. 3 : Acute toxicity, Category 3
	Acute Tox. 4 : Acute toxicity, Category 4
	Skin Corr. 1A : Skin corrosion/irritation, Category 1A
	Skin Irrit. 2 : Skin corrosion/irritation, Category 2
	Eye Dam. 1 : Serious eye damage/irritation, Category 1
	Eye Irrit. 2 : Serious eye damage/irritation, Category 2
	Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3
Hazard Statement(s)	H290: May be corrosive to metals.

	H301: Toxic if swallowed.
	H302: Harmful if swallowed.
	H314: Causes severe skin burns and eye damage.
	H315: Causes skin irritation.
	H318: Causes serious eye damage.
	H319: Causes serious eye irritation.
	H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P234: Keep only in original packaging.
	P264: Wash hands and exposed 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+P310: IF IN EYES: Rinse cautiously with water for several
	minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	Immediately call a POISON CENTRE/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.
	P390: Absorb spillage to prevent material damage.
	P406: Store in a corrosion-resistant container with a resistant inner liner.
Acronyms	ADN : European Agreement concerning the International Carriage of Dangerous
	Goods by Inland Waterways
	ADR : European Agreement concerning the International Carriage of Dangerous
	Goods by Road
	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service
	CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of
	substances and mixtures
	DNEL : Derived No Effect Level
	EC : European Community
	EINECS : European Inventory of Existing Commercial Chemical Substances
	IATA : International Air Transport Association IBC : Intermediate Bulk Container
	ICAO : International Civil Aviation Organization
	IMDG : International Maritime Dangerous Goods
	LTEL : Long term exposure limit
	PBT : Persistent, Bioaccumulative and Toxic
	PNEC : Predicted No Effect Concentration
	REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
	RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
	STEL : Short term exposure limit STOT : Specific Target Organ Toxicity
	UN : United Nations



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Pro Finish Alloy Wheel Cleaner

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for
data used to compile the SDSRegulation (EC) No. 1272/2008 (CLP)Training AdviceRegular safety training as appropriateDisclaimersInformation contained in this publication

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