# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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# **Wheel Cleaner**

Revision 12 Revision date 2025-04-08

SECTION 1: Identification of	the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	Wheel Cleaner		
1.2. Relevant identified uses of t	he substance or mixture and uses advised against		
Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products);		
	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);		
Description	Removes stubborn marks left be brake dust and road grime without damaging coatings, lacquers or tyres.		
1.3. Details of the supplier of the	safety data sheet		
Company	SUPAGARD LIMITED		
Address	19-27 Gavinton Street Muirend Glasgow G44 3EF		
Web	www.supagard.com		
Telephone	0141 633 5933		
Fax	01416377219		
Email	James.Smyth@supagard.com		
Email address of the competent person	James.Smyth@supagard.com		
1.4. Emergency telephone numb	ner		
Emergency telephone number	01416335933		
and gone, coopnend named	8.30am to 5.00pm		
	For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)		
	If you are a healthcare professional with an enquiry please visit www.TOXBASE.org		
SECTION 2: Hazards identifi	cation		
2.1. Classification of the substan	ice or mixture		

Skin Corr. 1A: H314; Eye Dam. 1: H318;

2.1.2. Classification - EC

2.2. Label elements

1272/2008

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#### 2.2. Label elements

Hazard pictograms	
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Danger

Signal Word

**Hazard Statement** 

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Precautionary Statement:

Prevention

P102 - Keep out of reach of children.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands and other contacted skin thoroughly after handling.

Precautionary Statement:

Response

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

 ${\sf P305+P351+P338-IF\ IN\ EYES: Rinse\ cautiously\ with\ water\ for\ several\ minutes.\ Remove\ contact}$ 

lenses, if present and easy to do. Continue rinsing.

Precautionary Statement: Disposal

SUPPLEMENTAL HAZARD INFORMATION

regulations.

Ingredients as required by Regulation (EC) No 648/2004:.

3.8% Phosphates by weight, 5 - 15% Anionic Surfactants, Less than 5% Non-ionic surfactants,

P501 - Dispose of contents/container to an approved disposal site, in accordance with local

Sodium Metasilicate Pentahydrate.

Contains - C9-11 Alcohol, ethoxylated, sodium (xylene and 4-ethylbenzene) sulfonate, Tetrapotassium pyrophosphate, 2-butoxyethanol, sodium metasilicate pentahydrate.

#### 2.3. Other hazards

Other hazards

This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties.

Further information

RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
C9-11 Alcohol, ethoxylated		68439-46-3	931-514-1		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
sodium (xylenes and 4-ethylbenzene) sulfonate			701-037-1	01-2119513350-56	1 - 10%	Eye Irrit. 2: H319;
Tetrapotassium pyrophosphate		7320-34-5	230-785-7	01-2119489369-18	1 - 10%	Eye Irrit. 2: H319;
2-butoxyethanol	603-014-00-0	111-76-2	203-905-0	01-2119475108-36	1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
Sodium Metasilicate Pentahydrate		6834-92-0	229-912-9	01-2119449811-37	1 - 10%	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H335;

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.	
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses	
	should be removed.	
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.	
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water to dilute ingested	

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4.1. Description of first aid meas	sures			
	product.			
4.2. Most important symptoms a	and effects, both acute and delayed			
Inhalation	May cause irritation to respiratory system.			
Eye contact	Risk of serious damage to eyes. Causes serious eye damage.			
Skin contact	Causes severe burns.			
Ingestion	May cause irritation to mucous membranes.			
4.3. Indication of any immediate	medical attention and special treatment needed			
Inhalation	Move the exposed person to fresh air. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Seek medical attention. Show this safety data sheet to the doctor in attendance.			
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention. Show this safety data sheet to the doctor in attendance.			
Skin contact	Remove contaminated clothing immediately. Rinse immediately with plenty of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.			
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.			
General information				
	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.			
SECTION 5: Firefighting me	asures			
5.1. Extinguishing media				
	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.			
5.2. Special hazards arising from	n the substance or mixture			
	Burning produces irritating, toxic and obnoxious fumes.			
5.3. Advice for firefighters	·			
	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.			
Further information				
	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
SECTION 6: Accidental relea	ase measures			
	ctive equipment and emergency procedures			
	Wear suitable protective equipment.			
6.2. Environmental precautions	·			
	Advise local authorities if large spills cannot be contained.			
6.3. Methods and material for co	ontainment and cleaning up			
	For large spills:. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills:. Flush down the drain with plenty of water.			
6.4. Reference to other sections				
	See section 2, 7, 8, 13 for further information.			
SECTION 7: Handling and s	torage			

7.1. Precautions for safe handling

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respirable dust:

7.1. Precautions for safe handling	ng			
	Avoid contact with eyes and skin. Do not breathe vapours or spray mist. Adopt best Manual Handling considerations when handling, carrying and dispensing.			
7.2. Conditions for safe storage,	including any incompatibilities			
	Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container.			
7.3. Specific end use(s)				
	Removes stubborn marks left be brake dust and road grime without damaging coatings, lacquers or tyres.			
Suitable packaging				
	Plastic containers.			
SECTION 8: Exposure contr	ols/personal protection			
8.1. Control parameters				
	Occupational exposure controls.			
8.1.1. Exposure Limit Values				
2-butoxyethanol	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123		
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2		
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -		
	inhalable dust: WEL 8-hr limit mg/m3 total  -	inhalable dust: WEL 15 min limit mg/m3 total -		
	TTEL O'III IIIIII IIIg/IIIO total	TTEL 10 IIIII IIIIII IIIg/III0 total		

DNEL: Derived no-effect level.

## **Exposure Pattern - Workers**

2-butoxyethanol	Acute inhalation - Systemic effects	1091 mg/m³	
	Acute inhalation - Local effects	246 mg/m³	Acute dermal - Systemic effects 89 mg/kg
	Long-term - inhalation - Systemic effects	98 mg/m³	Long-term - dermal - Systemic 125 mg/kg effects
sodium (xylenes and	Long-term - inhalation - Systemic	26.9 mg/m³	GIIGUIS
4-ethylbenzene) sulfonate	effects	126 25 mg/kg	
	Long-term - dermal - Systemic effects	136.25 mg/kg	
Sodium Metasilicate	Long-term - inhalation - Systemic	6.22 mg/m³	
Pentahydrate	effects		
	Long-term - dermal - Systemic	1.49 mg/kg	
	effects		
Tetrapotassium pyrophosphate	Long-term - inhalation - Systemic	44.08 mg/m <sup>3</sup>	
	effects		

respirable dust:

**Exposure Pattern - General population** 

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#### **Exposure Pattern - General population**

2-butoxyethanol	Acute inhalation - Systemic effects	· ·		
	Acute dermal - Systemic effects		Acute oral - Systemic effects	26.7 mg/kg
	Long-term - inhalation - Systemic effects	•	Long-term - inhalation - Local effects	147 mg/m³
	Long-term - dermal - Systemic effects	89 mg/kg	Long-term - oral - Systemic effects	6.3 mg/kg
sodium (xylenes and	Long-term - inhalation - Systemic	•		
4-ethylbenzene) sulfonate	effects Long-term - dermal - Systemic effects	68.1 mg/kg	Long-term - dermal - Local effects	0.048 mg/cm <sup>3</sup>
	Long-term - oral - Systemic effects			
Sodium Metasilicate Pentahydrate	Long-term - inhalation - Systemic effects	1.55 mg/m³		
	Long-term - dermal - Systemic effects	0.74 mg/kg	Long-term - oral - Systemic effects	0.74 mg/kg
Tetrapotassium pyrophosphate	Long-term - inhalation - Systemic effects	10.87 mg/m³		

#### 8.2. Exposure controls







8.2.1. Appropriate engineering controls

protection.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below there respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face

Eye / face protection Skin protection -Handprotection Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.

Rubber gloves.

Skin protection - Other

Wear suitable protective clothing.

Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

8.2.3. Environmental exposure controls

Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance Liquid Colour Clear Odour Characteristic No data available **Explosive properties** Odour threshold No data available pН Melting point No data available Initial boiling point No data available **Evaporation rate** No data available Flammability (solid, gas) No data available Vapour pressure No data available **Relative Vapour Density** No data available Density / Relative Density 1.068 - 1.075 g/cm3 Partition coefficient No data available Autoignition temperature No data available Viscosity < 50 centipoise No data available Oxidising properties Solubility Soluble in water

#### 9.2. Other information

Conductivity
Surface tension
Gas group
Benzene Content
Lead content
VOC (Volatile organic compounds)
No data available
No data available
No data available
No data available

## 9.2.1. Information with regard to physical hazard classes

No data is available on this product.

#### 9.2.2. Other safety characteristics

No data is available on this product.

# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

# 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Strong acids. Strong oxidising agents.

# 10.4. Conditions to avoid

Protect from frost.

# 10.5. Incompatible materials

No incompatible groups noted.

#### 10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly.

#### SECTION 11: Toxicological information

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### 11.1 Information on hazard classes

11.1 IIIIOIIIIauoii oii iiazaiu cias	
	This mixture has not been tested as a whole for health effects. The health effects have been calculated from raw material supplier LD50 and Acute Toxicity Estimates (ATE) as outlined in the Regulation (EC) No. 1272/2008 (CLP) as amended by UK law.
Acute toxicity	based on available data the classification criteria are not met.
	Oral ATE = >10,000 mg/kg.
	Dermal ATE = >10,000 mg/kg.
	Inhalation - Dust/Mist ATE = >20 mg/l.
Skin corrosion/irritation	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.
Repeated or prolonged	based on available data the classification criteria are not met.
exposure	
11.1.2. Mixtures	
	No data available.
11.1.3. Hazard Information	
	No data available.
11 1 1 Tayloological Information	

## 11.1.4. Toxicological Information

2-butoxyethanol	Oral Rat LD50: 1200 mg/kg	Dermal Rabbit LD50: >2000 mg/kg
	Inhalation Rat LC50/4 h: 2.2 mg/l	
C9-11 Alcohol, ethoxylated	Dermal Rat LD50: > 2000 mg/kg	Oral Rat LD50 = >300 - <= 2000
		mg/kg:
sodium (xylenes and	Oral Rat LD50: > 7200 mg/kg	Dermal Rabbit LD50: > 2000 mg/kg
4-ethylbenzene) sulfonate		
	Inhalation Rat LC50/4 h: >6.41 mg/l	
Sodium Metasilicate	Dermal Rat LD50: >5,000 mg/kg	
Pentahydrate		
Tetrapotassium pyrophosphate	Oral Rat LD50: 2440 mg/kg	Dermal Rabbit LD50: >2000 mg/kg

## 11.2 Information on other hazards

No data is available on this product.

# SECTION 12: Ecological information

# 12.1. Toxicity

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12	1.	To	xicity

2-butoxyethanol	<b>Daphnia EC50/48h:</b> 1550.0000 mg/l	Algae EC50/72h: 911 mg/l
•	· · · · · · · · · · · · · · · · · · ·	(Pseudokirchnerie
		lla subcapitata)
	Lepomis_Macrochirus LC50/96h: 1490 - 2950 mg/l	
	EC50 for marine or freshwater >100.0000 mg/l	LC50 for marine or freshwater >100.0000 mg/l
	organisms	organisms
sodium (xylenes and	<b>Daphnia EC50/48h:</b> 1000.0000 mg/l	Green algae EC50/96h: 230 mg/l
4-ethylbenzene) sulfonate		
	Rainbow trout LC50/96h: 1000 mg/l	
Sodium Metasilicate	Daphnia EC50/48h: 1700.0000 mg/l	Algae EC50/72h: 207 mg/l
Pentahydrate		
	Brachydanio Rerio LC50/96h: 210 mg/l	
Tetrapotassium pyrophosphate	<b>Daphnia EC50/48h:</b> 100.0000 mg/l	Algae EC50/72h: >100 mg/l
	Rainbow trout LC50/96h: >100 mg/l	

#### 12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

#### 12.3. Bioaccumulative potential

The product is not bioaccumulating.

#### Partition coefficient

Supagard Wheel Cleaner No data available	Tetrapotassium pyrophosphate No data available
<b>2-butoxyethanol</b> 0.81 log P	

### 12.4. Mobility in soil

This product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

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

## 12.6 Endocrine disrupting properties

No data is available on this product.

#### 12.7. Other adverse effects

No data is available on this product.

# SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

# General information

Dispose of in compliance with all local and national requirements.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## **SECTION 14: Transport information**

#### Hazard pictograms

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# Hazard pictograms 14.1. UN number UN3266 14.2. UN proper shipping name CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains Sodium Metasilicate Pentahydrate) 14.3. Transport hazard class(es) ADR/RID 8 Subsidiary risk **IMDG** 8 Subsidiary risk 8 **IATA** Subsidiary risk 14.4. Packing group Ш Packing group 14.5. Environmental hazards **Environmental hazards** No Marine pollutant No 14.6. Special precautions for user No additional special precautions. 14.7 Maritime Transport in bulk according to IMO instruments Not applicable. ADR/RID Hazard ID 80 **Tunnel Category** (E) **IMDG EmS Code** F-A S-B IATA Packing Instruction (Cargo) 856 60 L Maximum quantity 852 **Packing Instruction** (Passenger) Maximum quantity 5 L

# **SECTION 15: Regulatory information**

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

Regulations	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), establishing a European Chemicals Agency, amending Directive 1999/45/EC
	and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94
	as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,
	93/105/EC and 2000/21/EC. As retained and amended in UK law.

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. As retained and amended in UK law.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). As retained and amended in UK law

### 15.2. Chemical safety assessment

No information available.

#### **SECTION 16: Other information**

#### Other information

Revision	This document differs from the previous version in the following areas:.  12 - 12.1. Toxicity.
	14 - ADR/RID.
	14 - IMDG.
	14 - IATA.
Data sources	Classification and Procedure used to derive the classification for mixtures according to Regulation
	(EC) No. 1272/2008, as retained and amended in UK law.
	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage Extreme pH - ≥ 11.5.
Text of Hazard Statements in	Acute Tox. 4: H302 - Harmful if swallowed.
Section 3	Eye Dam. 1: H318 - Causes serious eye damage.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
	Skin Irrit. 2: H315 - Causes skin irritation.
	Met. Corr. 1: H290 - May be corrosive to metals.
	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
	STOT SE 3: H335 - May cause respiratory irritation.

#### **Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.