

# Emissco

## Alloy Wheel Cleaner Bulk

5L / 25L / IBC

Material Safety Data Sheet



## SAFETY DATA SHEET

# Emissco

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 Issued: 26/08/2025; Rev. No.1  
 Regulation (EU) 2020/878

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product Identifier

Material name : Alloy Wheel Cleaner 5L - 25L - IBC  
 Product code : SPB1045 - SPB1046 - SPB1055  
 UFI : 4QV2-70YA-Y008-ATAX

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

Product use : Vehicle wash

### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Emissco Ltd  
 New Haden Road  
 Brookhouses Ind Est  
 Cheadle  
 Staffordshire  
 ST10 1UF

Tel. : 01538 752561

Email (for SDSs) : info@emissco.co.uk

1.4 Emergency tel. no.: +44 (0) 1538 752561 (Available 9am-5pm)  
 National emergency UK NPIS 0344 892 0111 Ireland NPIC (01) 809 2566  
 telephone number: National Poisons Information Centre on 01 809 2166

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008: Classification, Labelling and Packaging of Substances and Mixtures (CLP):

Physical and Chemical Hazards	Not classified.
Human health	Sk. Irrit.2; H315, Eye Dam.1; H318, Ac.Tox.4; H332
Environment	Aq.Chron.3; H412

### 2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: **Danger**      Contains: 2-Butoxyethanol, Alcohols, C9-11, ethoxylated, Dodecyltrimethylamine oxide, N,N-Dimethyltetradecylamine N-oxide

Hazard Pictogram(s):



<b>Hazard Statements:</b>	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H332	Harmful if inhaled.
	H412	Harmful to aquatic life with long lasting effects.

### Precautionary Statements:

P261	Avoid breathing vapour/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye/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 CENTRE/Doctor.
P501	Dispose of contents/container in accordance with local/national regulations.

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## 2.3 Other hazards

None known.

## PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB.

## Endocrine Disruptor Information

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Hazardous components

Chemical Name	CAS No./ EC No./ Index No./ Reg. No	Classification (1272/2008/EC)	SCL/ M-Factor/ ATE	Content
2-BUTOXYETHANOL Syn. BUTYL GLYCOL	111-76-2 203-905-0 603-014-00-0 01-2119475108-36	Ac.Tox.4; H302 Sk.Irrit.2; H315 Eye Irrit. 2; H319 Ac.Tox.3; H331	Inhalation ATE: 3 mg/l (Vapours) Oral ATE: 1200 mg/kg bw	10-15%
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3 614-482-0	Ac.Tox.4; H302 Eye Dam.1; H318	No relevant data.	10-15%
DODECYLDIMETHYLAMINE OXIDE	1643-20-5 216-700-6 01-2120068065-58	Ac.Tox.4; H302 Sk.Irrit.2; H315 Eye Dam.1; H318 Aq.Ac.1; H400 Aq.Chron.2; H411	M = 1	1-5%
N,N- DIMETHYLTETRADECYLAMINE N- OXIDE	3332-27-2 222-059-3 01-2119949262-37	Ac.Tox.4; H302 Sk.Irrit.2; H315 Eye Dam.1; H318 Aq.Ac.1; H400 Aq.Chron.2; H411	M = 1	1-5%
SODIUM BENZOATE	532-32-1 208-534-8 01-2119460683-35	Eye Irrit. 2; H319	No relevant data.	0-1%
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	64-02-8 200-573-9 607-428-00-2 01-2119486762-27	Ac.Tox.4; H302 Ac.Tox.4; H332 Eye Dam.1; H318 STOT RE2; H373	No relevant data.	0-1%

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash with soap and water. Seek medical advice if irritation develops.

**Eye contact:** Rinse with water for 10 minutes and seek medical advice immediately.

**Ingestion:** Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation:** Remove to fresh air. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause eye damage.

**4.3 Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

### 5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.  
Further information: Standard procedure for chemical fires. Use water spray to cool containers.  
Do not allow fire run-off to enter drains.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

### 6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Avoid discharge into waterways. Inform local authorities if spillage cannot be contained.

### 6.3 Methods and materials for containment and cleaning up

Wipe up liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

### 6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care. General good housekeeping practices. Do not eat or drink whilst using the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container tightly closed.

**7.3 Specific end use(s):** No information available.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters****Occupational exposure limit values**

Chemical name	8hr TWA	15min STEL	Reference
2-Butoxyethanol	123 mg/m <sup>3</sup> /25 ppm 49 mg/m <sup>3</sup> /10 ppm	246 mg/m <sup>3</sup> /50ppm 196 mg/m <sup>3</sup> /40 ppm	UK EH40/2005 (Sk, BMGV) Germany

(BMGV = biological monitoring guidance value, refer to EH40/2005).

**Information on monitoring procedures:**

Reference standard: EN 14042:2003 - "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

**DNEL:**

DNEL (workers)	2-Butoxyethanol	Alcohols, C9-11, ethoxylated	Dodecyldimethyl amine oxide	N,N-Dimethyltetradecylamine N-oxide
Chronic systemic effects (dermal)	No hazard identified	2080 mg/kg bw/day	11 mg/kg bw/day	11 mg/kg bw/day
Chronic systemic effects (inhalation)	98 mg/m <sup>3</sup>	294 mg/m <sup>3</sup>	6.2 mg/m <sup>3</sup>	6.2 mg/m <sup>3</sup>

DNEL (consumers)	2-Butoxyethanol	Alcohols, C9-11, ethoxylated	Dodecyldimethyl amine oxide	N,N-Dimethyltetradecylamine N-oxide
Chronic systemic effects (dermal)	No hazard identified	1250 mg/kg bw/day	5.5 mg/kg bw/day	5.5 mg/kg bw/day
Chronic systemic effects (inhalation)	59 mg/m <sup>3</sup>	87 mg/m <sup>3</sup>	1.53 mg/m <sup>3</sup>	1.53 mg/m <sup>3</sup>
Chronic systemic effects (oral)	6.3 mg/kg bw/day	25 mg/kg bw/day	440 µg/kg bw/day	440 µg/kg bw/day

**PNEC:**

Environment	2-Butoxyethanol	Alcohols, C9-11, ethoxylated	Dodecyldimethyl amine oxide	N,N-Dimethyltetradecylamine N-oxide
<b>Aquatic compartment</b>				
Fresh water	8.8 mg/L	103.79 µg/L	33.5 µg/L	33.5 µg/L
Marine water	880 µg/L	103.79 µg/L	3.35 µg/L	3.35 µg/L
Water-intermittent (sporadic) release	26.4 mg/L	14 µg/L	33.5 µg/L	33.5 µg/L
Dry Sediment – fresh water	34.6 mg/kg	13.7 mg/kg	5.24 mg/kg	5.24 mg/kg
Dry Sediment – marine water	3.46 mg/kg	13.7 mg/kg	524 µg/kg	524 µg/kg
<b>Terrestrial compartment</b>				
Dry soil	2.33 mg/kg	1 mg/kg	1.02 mg/kg	1.02 mg/kg
Sewage treatment plant	463 mg/L	1.4 mg/L	24 mg/L	24 mg/L

## 8.2 Exposure controls

**Appropriate engineering controls:** Ensure there is sufficient ventilation of the area.

## Personal protection

**Eye/face protection:** Chemical splash goggles if eye contact is reasonably probable. The selected goggles or glasses must satisfy the European standard EN 166.

**Skin protection:** Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time  $\geq 480$  min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.

Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. The selected protective clothing must satisfy the standard EN 13034, which describes clothing offering limited 8-hour protection against splashes. Use PPE that is chemically resistant to the product and prevents skin contact.

**Respiratory protection:** If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required, in which case use a respirator fitted with an organic vapour filter.

**Environmental exposure controls:** Do not discharge into drains or rivers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	Characteristic
Melting point/freezing point	No data available
Boiling point/range	No data available
Flammability	Not flammable
Lower/Upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	No information available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	Miscible with water.
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	No data available
Density	No data available
Relative vapour density	No data available
Particle characteristics	Not applicable

**9.2 Other information:** VOC Content: 12.5%

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	None known.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	Oxides of carbon, oxides of nitrogen, ammonia, acrid smoke, irritating fumes.

**11. TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

The mixture as a whole has not been tested for toxicological effects. Toxicological data on individual components is listed below.

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
2-Butoxyethanol	1300 mg/kg (Rat)	No adverse effect	No adverse effect
Alcohols, C9-11, ethoxylated	301 mg/kg (Rat)	>1600 mg/m <sup>3</sup> (Rat)	2001 mg/kg (Rabbit)
Dodecyldimethylamine oxide	1064 mg/kg (Rat)	No data available	>2000 mg/kg (Rat)
N,N-Dimethyltetradecylamine N-oxide	1495 mg/kg (Rat)	No data available	>2000 mg/kg (Rat)

<b>Acute toxicity</b>	The mixture is classified as Ac.Tox.4; H332: Harmful if inhaled.
<b>Skin corrosion/irritation:</b>	The mixture is classified as Sk.Irrit.2; H315: Causes skin irritation.
<b>Serious eye damage/eye irritation:</b>	The mixture is classified as Eye Dam.1, H318; Causes serious eye damage.
<b>Respiratory or skin sensitisation:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>Toxicity for reproduction:</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (STOT) Single exposure:</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (STOT) Repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.
<b>11.2 Information on other hazards</b>	No information available.
<b>11.2.1. Endocrine disrupting properties</b>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>11.2.2. Other information</b>	
<b>Other adverse effects</b>	No information available.

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## 12. ECOLOGICAL INFORMATION

The mixture as a whole has not been tested for ecological effects. Ecological data on individual components is listed below.

Chemical name	Species	Test	Value
2-Butoxyethanol	Daphnia	EC50 48h	881 mg/l
	Rainbow trout	LC50 96h	1,474 mg/l
	Algae	EC50 72h	623 mg/l
Alcohols, C9-11, ethoxylated	Daphnia	LC50 48h	2.5 mg/l
	Rainbow trout	LC50 96h	5-7 mg/l
	Algae	ErC50 96h	1.4 mg/l
Dodecyldimethylamine oxide	Daphnia	EC50 48h	3.9 mg/l
	Zebra fish	LC50 96h	31.8 mg/l
	Algae	ErC50 72h	0.2 mg/l
N,N-Dimethyltetradecylamine N-oxide	Daphnia	EC50 48h	2.64 mg/l
	Zebra fish	LC50 96h	2.4 mg/l
	Algae	ErC50 72h	0.19 mg/l

<b>12.1 Toxicity</b>	The mixture is classified as Aq.Chron.3, H412: Harmful to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability</b>	Readily biodegradable.
<b>12.3 Bioaccumulative potential</b>	Low potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	Miscible with water.
<b>12.5 Results of PBT and vPvB assessment</b>	Contains no PBT or vPvB substances.
<b>12.6 Endocrine disrupting properties</b>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>12.7 Other adverse effects</b>	
<b>Persistent Organic Pollutants</b>	This product does not contain any known or suspected substance.
<b>Ozone-depleting substances (ODS) regulation (EC) 1005/2009</b>	This product does not contain any known or suspected substance.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Disposal operations:** Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste. Contact licensed waste disposal company. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn or use a cutting torch on the empty container.

## 14. TRANSPORT INFORMATION

Not classified for transport.



**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Directives**

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria laid down in Regulation (EC) N° 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.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been performed on this product.

**16. OTHER INFORMATION**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Commission Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No. 1907/2006.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):**

Physical hazards:	Not classified.
Health hazards:	Calculation method.
Environmental hazards:	Calculation method.

**Full text of H-statements referred to under sections 2 and 3**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Abbreviations and acronyms**

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstract Service (division of the American Chemical Society).  
STOT: Single Target Organ Toxicity  
SE: Single exposure  
DNEL: Derived no effect level – a level above which humans should not be exposed.  
PNEC: Predicted No Effect Concentration  
TWA: Time-weighted average.  
SCL: Specific Concentration Limit  
STEL: Short-term exposure limit.  
PBT: Persistent, Bioaccumulative, Toxic.  
vPvB: very Persistent and very Bioaccumulative.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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