



SAFETY DATA SHEET REACTIVE RED WHEEL CLEANER

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

1.1. Product identifier

Product name REACTIVE RED WHEEL CLEANER

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

Identified uses Wheel Cleaner.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier ALPHA
A1 Motor Stores
Unit 20,
Waterfield Way,
Sketchley Meadows,
Hinckley,
LE10 3ER

1.4. Emergency telephone number

Emergency telephone 01455 637031

National emergency telephone number +44 (0)870 600 6266 [UK National Poisons Control Information Service (NPIS) Center]

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn; R22. R43

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

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Precautionary statements

P102 Keep out of reach of children.
 P103 Read label before use.
 P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 Storage Information: Store in original sealed container and protect from extremes of temperature.

Supplemental label information Contains: <5% Anionic Surfactants.

UFI UFI: T14T-00SP-300K-E357

Contains sodium mercaptoacetate

Supplementary precautionary statements

P272 Contaminated work clothing should not be allowed out of the workplace.
 P321 Specific treatment (see medical advice on this label).
 P330 Rinse mouth.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/ container in accordance with national regulations.

Detergent Labelling Contains amongst other ingredients: <5% anionic surfactants , <5% non-ionic surfactants , <5% EDTA .

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

sodium mercaptoacetate	5-10%
CAS number: 367-51-1	EC number: 206-696-4
Classification	Classification (67/548/EEC or 1999/45/EC)
Met. Corr. 1 - H290	T; R25. Xn; R21. R43
Acute Tox. 3 - H301	
Acute Tox. 4 - H312	
Skin Sens. 1 - H317	
2-butoxyethanol	1-5%
CAS number: 111-76-2	EC number: 203-905-0
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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alcohols, C12-14, ethoxylated, sulfates, sodium salts	1-5%
CAS number: 68891-38-3	EC number: 500-234-8
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
amines, C12-18-alkyldimethyl, N-oxides	<1%
CAS number: 68955-55-5	EC number: 273-218-2
M factor (Acute) = 1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R41, R38. N; R50
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
sodium hydroxide	<1%
CAS number: 1310-73-2	EC number: 215-185-5
Classification	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

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	If in doubt, get medical attention promptly.
Inhalation	Get medical attention if any discomfort continues.
Ingestion	Give plenty of water to drink. Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water.
Eye contact	Get medical attention if any discomfort continues. Remove affected person from source of contamination. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

Inhalation	May cause discomfort. May be harmful if inhaled.
Ingestion	A single exposure may cause the following adverse effects: Nausea, vomiting. May be harmful if swallowed.
Skin contact	May be harmful in contact with skin. May cause discomfort. Prolonged and frequent contact may cause redness and irritation.

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Eye contact May be slightly irritating to skin and eyes. Prolonged or repeated exposure may cause severe irritation.

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

Notes for the doctor Treat symptomatically.

Specific treatments Not applicable.

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 Not applicable.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is non-combustible. None known.

Hazardous combustion products None known.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours.

Special protective equipment for firefighters Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautions No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Avoid contact with eyes and prolonged skin contact.

Advice on general occupational hygiene Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly closed in a cool place.

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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

2-butoxyethanol

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

Sk

sodium hydroxide

WEL: Short Term Exposure Limit (STEL): 2 mg/m³

Sk = Can be absorbed through the skin.

2-butoxyethanol (CAS: 111-76-2)

Ingredient comments	WEL = Workplace Exposure Limit
DNEL	Industry - Dermal; Short term systemic effects: 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 1091 mg/m ³ Industry - Inhalation; Short term local effects: 246 mg/m ³ Industry - Dermal; Long term systemic effects: 125 mg/kg/day Industry - Inhalation; Long term systemic effects: 98 mg/m ³ Consumer - Inhalation; Short term systemic effects: 426 mg/m ³ Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day Consumer - Dermal; Short term systemic effects: 89 mg/kg/day Consumer - Dermal; Long term systemic effects: 75 mg/kg/day Consumer - Inhalation; Long term local effects: 147 mg/m ³ Consumer - Inhalation; Long term systemic effects: 59 mg/m ³ Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day
PNEC	Fresh water; 8.8 mg/l marine water; 0.88 mg/l Sediment (Freshwater); 8.14 mg/kg Sediment (Marinewater); 3.46 mg/kg Soil; 2.8 mg/kg STP; 463 mg/l

alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)

DNEL	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Workers - Inhalation; Long term systemic effects: 175 mg/m ³ General population - Oral; Long term systemic effects: 15 mg/kg/day General population - Dermal; Long term systemic effects: 1650 mg/kg/day General population - Inhalation; Long term systemic effects: 52 mg/m ³
PNEC	Fresh water; 0.24 mg/l marine water; 0.024 mg/l Intermittent release; 0.071 mg/l Sediment (Freshwater); 5.45 mg/kg Sediment (Marinewater); 0.545 mg/kg Soil; 0.946 mg/kg STP; 10 000 mg/l

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sodium hydroxide (CAS: 1310-73-2)

DNEL

Industry - Inhalation; Long term local effects: 1 mg/m³Consumer - Inhalation; Long term local effects: 1 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Contact lenses should not be worn when working with this chemical. Chemical splash goggles.

Hand protection

Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless. to Pale pink.
Odour	Sulphur.
pH	pH (concentrated solution): 6.5 - 7.5
Relative density	1.110 - 1.130
Solubility(ies)	Soluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products May emit toxic fumes under fire conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 2,371.18

Acute toxicity - dermal

ATE dermal (mg/kg) 10,426.54

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 440.0

Inhalation Vapours may irritate throat/respiratory system. May be harmful if inhaled.

Ingestion May cause discomfort if swallowed. May be harmful if swallowed.

Skin contact Prolonged skin contact may cause redness and irritation. May be harmful in contact with skin.

Eye contact May cause irritation. May cause serious eye damage.

SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
Issued by	HS&E Manager.
Revision date	19/10/2022
Revision	7
Supersedes date	15/03/2021
SDS number	9810
Risk phrases in full	R21 Harmful in contact with skin. R22 Harmful if swallowed. R25 Toxic if swallowed. R43 May cause sensitisation by skin contact.

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Hazard statements in full

H290 May be corrosive to metals.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.

Code**Other Information**

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.