

SAFETY DATA SHEET AUTO-WHEEL

Revision Number 2
Revision Date: 27/06/18
Compilation date: 01/06/15

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

1.1 Product Identifier

Trade name: auto-wheel

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC35 Washing and cleaning products (including solvent based products)

Application of the substance / the mixture: Car care product

1.3.Details of the supplier of the safety data sheet

Company name and address:

Bilt Hamber Laboratories Radford Way,
Billericay,
Essex,
CM12 0EG
United Kingdom

Tel: 01277 658899

Email: sales@bilthamber.com

1.4.Emergency telephone number

01277 658899 (office hours only)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

Acute Tox. 4 H302 Harmful if swallowed.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Sensitising

R43: May cause sensitisation by skin contact.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word: Warning

Hazard-determining components of labelling: sodium mercaptoacetate

Hazard statements: H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.

Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing spray.
P280 Wear protective gloves.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No other information is available

Hazardous components which must be listed on the label:

Contains Ethoxylated Alcohol

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Description: aqueous surfactant solution with additives
 Dangerous components: CAS: 367-51-1
 EINECS: 206-696-4
 Reg.nr.: 01-2119968564-24-xxxx

sodium mercaptoacetate solution

Xn R21/22; Xi R43

Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317

15-25%

CAS: 68891-38-3

EINECS: 500-234-8

Fatty alcohol sulfate

Xi R38-41 Eye Dam. 1, H318; Skin Irrit. 2, H315 10-15%

Regulation (EC) No 648/2004 on detergents / Labelling for contents
 perfumes

Additional information: For the wording of the listed R phrases or H statements, refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: Remove soiled clothing
 After inhalation: Supply fresh air; consult doctor in case of complaints.
 After skin contact: Wash the areas of skin affected with water and a mild detergent.
 After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 After swallowing: Rinse out mouth and then drink plenty of water.
 Induce vomiting only, if affected person is fully conscious.
 Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Sensitisation
 Headache
 Dizziness
 Drowsiness
 Gastric or intestinal disorders

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire-fighters

Protective equipment: The normal measures for firefighting are to be taken.
 Additional information: Collect contaminated fire-fighting water separately. It must not enter the sewage system

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
 Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to penetrate the ground/soil.
 Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use only in well ventilated areas.
 Information about fire - and explosion protection: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from oxidising agents.
 Do not store together with alkalis (caustic solutions).
 Do not store together with acids.
 Store away from foodstuffs.

Further information about storage conditions:

Store receptacle in a well ventilated area.
 Protect from frost.
 Recommended storage temperature: 20 °C.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.

Respiratory protection: Not required in normal cases
 Ensure good ventilation/exhaustion at the workplace.

Protection of hands: Protective gloves
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves: Nitrile rubber, NBR
 Recommended thickness of the material: 0.4 mm
 [EN 374]

Penetration time of glove material: Value for the permeation: Level 6 (480min)

Eye protection: Not required in normal cases

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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9.1 Information on basic physical and chemical properties

General information

Appearance:

Form:	Fluid
Colour:	colourless - light red
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20- 25°C:	5.5-7.0

Change in condition:

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density at 20 °C:	1.11 - 1.12 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.

Viscosity:

Flow time at 20 °C 13:	20 s (DIN EN ISO 2431/4mm)
Dynamic:	Not determined.
Kinematic:	Not determined.

9.2. Other information

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: No dangerous reactions known.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known.

10.4. Conditions to avoid

Conditions to avoid: See Section 7 for information on safe handling.

10.5. Incompatible materials

Materials to avoid: strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

There are no toxicological findings on this mixture.

Acute toxicity:

LD/LC50 values relevant for classification:

Oral ATE 1429 mg/kg (-) (Additivity formula)
 Dermal ATE 8030 mg/kg (-) (Additivity formula)

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367-51-1 sodium mercaptoacetate solution

Oral LD50 200 - 500 mg/kg (rat) (OECD 423 (Conc. 46%))
Dermal LD50 1000-2000 mg/kg (rat) (OECD 402 (Conc. 98%))

126-92-1 Fatty alcohol sulfate

Oral LD50 >2000 mg/kg (rat)

Primary irritant effect:

on the skin:

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

on the eye:

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Sensitisation:

Result: Causes sensitization

Species: mouse

Method: OECD 429

Repeated dose toxicity

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to reproduction.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

There is no ecotoxicological data available on this mixture.

Aquatic toxicity:

367-51-1 sodium mercaptoacetate solution

EC50 / 48h 38 mg/l (Daphnia magna) (84/449/EWG (Subs. thioglycolic acid))

EC50 / 72h 13 mg/l (Pseudokirchneriella subcapitata) (OECD 201 (Subs. thioglycolic acid))

LC 50 / 96 h >100 mg/l (Oncorhynchus mykiss) (OECD 203 (Subs. thioglycolic acid))

LC50 / 48h 880 mg/l (Leuciscus idus) (DIN 38412 / 15 (Subs. thioglycolic acid))

126-92-1 Fatty alcohol sulfate

EC0 >100 mg/l (bacteria) (OECD 209)

LC 50 >100 mg/l (fish) (ISO 7346/2 (semistatic))

12.2. Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detergent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

367-51-1 sodium mercaptoacetate solution

Biodegradation 67 % (-) (28d OECD 301d (thioglycolic acid))

126-92-1 Fatty alcohol sulfate

Biodegradation >60 % (-) (BSB/CSB (OECD 301))

12.3. Bioaccumulative potential

367-51-1 sodium mercaptoacetate solution

log POW -2.99 log POW (-) (20 °C OECD 107 (thioglycolic acid))

12.4. Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects

No further relevant information available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dangerous waste in accordance with the Directive on the List of Waste Materials

Recommendation: Waste must be disposed of while observing the local, official regulations.

European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging
- 20 01 29* detergents containing dangerous substances
- 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number

ADR, IMDG, IATA Void

14.2 UN proper shipping name

ADR, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA
 Class: Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user

Not applicable.
 UN "Model Regulation"

SECTION 15: REGULATORY INFORMATION

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

National regulations:

Information about limitation of use:
 Employment restrictions concerning juveniles must be observed.
 Employment restrictions concerning pregnant and lactating women must be observed.

15.2. Chemical safety assessment

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 R21/22 Harmful in contact with skin and if swallowed.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.
 R43 May cause sensitisation by skin contact.

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Conentration

EC50 = half maximal effective conentraion

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

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.