



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

1.1. Product identifier

Name of product

Wheel cleaner

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

Recommended intended purpose(s)

Car care product

1.3. Details of the supplier of the safety data sheet

Distributor

Daimler AG
D-70546 Stuttgart Germany

Advice

Phone +49 (0)711 17-97390
Fax +49 (0)711 17-94831
E-mail (competent person):
Mercedes-Benz-SDB@daimler.com

1.4. Emergency telephone number

Emergency advice

Phone +49 (0)711 17-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Precautionary Statements

General

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

Contains sodium mercaptoacetate. May produce an allergic reaction.
Safety data sheet available on request.

Additional information

! Remark

The mixture is exempt from the labelling requirements of EC Regulation No. 1272/2008 [GHS].

2.3. Other hazards



Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

! SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Aqueous surfactant solution; phosphate-free.

! Hazardous ingredients

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
126-92-1	204-812-8	sodium etasulfate	1 < 3	Skin Irrit. 2, H315 / Eye Dam. 1, H318
367-51-1	206-696-4	sodium mercaptoacetate solution (46%)	10 < 15	Acute Tox. 4, H302 / Acute Tox .4, H312 / Skin Sens. 1, H317

REACH

CAS No	Name	REACH registration number
126-92-1	sodium etasulfate	01-2119971586-23

! Labelling for contents according to regulation (EC) No 648/2004, annex VII

Sodium pyrrithione

Limonenes

benzisothiazolinone, methylisothiazolinone

perfumes

<5% anionic surfactants

! SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

! In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.



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

Physician's information / possible symptoms

Allergic symptoms

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

Treatment (Advice to doctor)

Treat symptoms.

! SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

! Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

! Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

! Additional information

Contaminated fire-fighting water must be collected separately; it shall not run into the sewage system, aquatic environment or into the soil.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

! SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

! For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

! For emergency responders

Ensure adequate ventilation.

Use personal protective clothing.

6.2. Environmental precautions

If stretches of water or sewerage systems become polluted, inform the relevant authorities.

Do not discharge into the drains/surface waters/groundwater.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Collect with spongy material (all-purpose gelation agent) and dispose of in compliance with the regulations.



6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

! SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid skin and eye contact

Use only in thoroughly ventilated areas.

General protective measures

Adhere to general precaution rules when handling chemicals

Hygiene measures

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Use barrier skin cream.

Bei der Verwendung nicht rauchen, essen oder trinken.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

! Requirements for storage rooms and vessels

Keep in closed original container.

Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with food.

Further information on storage conditions

Protect from frost.

Recommended storage temperature: 20°C.

7.3. Specific end use(s)

! Recommendation(s) for intended use

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

Not required

Hand protection

Not required

Eye protection

Not required



Other protection measures

Protective clothing

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

bright red

Odour

unpleasant

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	7,2 - 8,2				
boiling point	>= 100 °C				
melting point	not determined				
Flash point	not applicable				
Vapourisation rate	not determined				
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				
Vapour pressure	not determined				
Relative density	1,08 - 1,09	20 °C			
Vapour density	not applicable				
Solubility in water					Completely miscible
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				



	Value	Temperature	at	Method	Remark
Decomposition temperature	not determined				
Viscosity Outflow time	13 - 18 s	20 °C		DIN EN ISO 2431	4 mm
Viscosity kinematic	not determined				
Oxidising properties not applicable					
Explosive properties The product is not explosive					
9.2. Other information no					

! SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions with proper storage and handling.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

! Substances to avoid

strong oxidants

10.6. Hazardous decomposition products

Thermal decomposition

Remark No decomposition if used as directed.

Additional information

No risk of production of decomposition products when appropriately handled and stored

! SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization



	Value/Validation	Species	Method	Remark
LD50 acute oral	2692 mg/kg	rat		ATEmix
LD50 acute dermal	18395 mg/kg	rat		ATEmix
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing	mouse	OECD 429	
Sensitization respiratory system	no			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity				not mutagenic
Reproduction-Toxicity				not toxic for reproduction
Carcinogenicity				not cancerogenic

! Specific target organ toxicity (single exposure)

The substance or mixture is not classified as specific target organ toxicant, single exposure.

! Specific target organ toxicity (repeated exposure)

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

! Aspiration hazard

No classification in relation to aspiration toxicity

! Additional information

The concentration of potentially sensitizing components in this product does not trigger skin sensitization.

! SECTION 12: Ecological information**12.1. Toxicity****Ecotoxicological effects**

	Value	Species	Method	Validation
Fish	LC50 880 mg/l (48 h)	Leuciscus idus	OECD 203	sodium mercaptoacetate solution 46%
Daphnia	EC50 38 mg/l (48 h)	Daphnia magna	OECD 202 / ISO 6341 / EEC 84/449/V, C2	sodium mercaptoacetate solution 46%
Algae	EC50 13 mg/l (72 h)	Pseudokirchneriella subcapitata (green alga)	OECD 201	sodium mercaptoacetate solution 46%

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
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	Elimination rate	Method of analysis	Method	Validation
Biological degradability	67 % (28 d) sodium mercaptoacetate solution 46%		OECD 301 D	

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

General regulation

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

15 01 02

20 01 30

Name of waste

plastic packaging

detergents other than those mentioned in 20 01 29

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Disposal in accordance with local regulations.

General information

The waste code must be allocated in compliance with the EAK-regulation referring to the specific process and the sector

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No information available.



14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

! SECTION 15: Regulatory information

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

No information available.

15.2. Chemical Safety Assessment

Substance safety analysis was not performed for this mixture.

! SECTION 16: Other information

Recommended uses and restrictions

Adhere to existing national and local rules referring to chemicals.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.5

Sources of key data used

Safety data sheets of suppliers

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.