

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Wheel and Tire Cleaner**

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

Relevant identified uses Tire and Wheel Cleaner

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

Fade To Black Car Care  
1510 N Crooks Road  
Clawson, MI 48017

Telephone: 1-248-224-7624

e-mail: [info@fadetoblackprotectivefilms.com](mailto:info@fadetoblackprotectivefilms.com)  
Website: [fadetoblackcarcare.com](http://fadetoblackcarcare.com)

[fadetoblackcarcare.com](http://fadetoblackcarcare.com)

#### 1.4 Emergency telephone number

Emergency information service USA 1.800.535.5053, INTL 1.352.323.3500  
24 hr emergency information

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318

For full text of abbreviations: see SECTION 16.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word danger

- Pictograms

GHS05



- Hazard statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
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### - Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/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 center/doctor.
P321	Specific treatment (see on this label).
P362	Take off contaminated clothing and wash it before reuse.

### - Hazardous ingredients for labelling

N,N-Diethoxylated-N-coco-N-methylammonium chloride, sodium metasilicate, anhydrous, Alcohols, C9-11 ethoxylated, amines, coco alkylidimethyl, N-oxides

## 2.3 Other hazards

Hazards not otherwise classified

May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
N,N-Diethoxylated-N-coco-N-methylammonium chloride	CAS No 61791-10-4	3 - < 12	Eye Dam. 1 / H318	
amines, coco alkylidimethyl, N-oxides	CAS No 61788-90-7	3 - < 12	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
sodium metasilicate, anhydrous	CAS No 6834-92-0	3 - < 12	Acute Tox. 4 / H302 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Eye Dam. 1 / H318 STOT SE 3 / H335	
Alcohols, C9-11 ethoxylated	CAS No 68439-46-3	1 - < 3	Acute Tox. 4 / H302 Acute Tox. 4 / H312 Eye Dam. 1 / H318	
1-butoxypropan-2-ol	CAS No 5131-66-8	1 - < 3	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	
methanol	CAS No 67-56-1	0.1 - < 1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 STOT SE 1 / H370 Flam. Liq. 2 / H225	

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.  
*This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.*

### SECTION 4: First-aid measures

#### 4.1 Description of first-aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

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

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

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

##### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### 6.2 Environmental precautions

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

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

- Handling of incompatible substances or mixtures

Do not mix with acids.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingsuffs.

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

Control of the effects

Protect against external exposure, such as

Frost

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	methanol	67-56-1	TLV®	200		250					AC-GIH® 2019

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	methyl alcohol	67-56-1	REL	200 (10 h)	260 (10 h)	250	325				NIOSH REL
US	methyl alcohol	67-56-1	PEL	200	260						29 CFR 1910.1000
US	methyl alcohol (methanol)	67-56-1	PEL (CA)	200	260	250	325	1,000			Cal/OSHA PEL

#### Notation

Ceiling-C  
STEL

ceiling value is a limit value above which exposure should not occur  
short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

### Biological limit values

Country	Name of agent	Parameter	Notation	Identifier	Value	Source
US	methanol	methanol		BEI®	15 mg/l	ACGIH® 2019

### Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
amines, coco alkyl dimethyl, N-oxides	61788-90-7	DNEL	6.2 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
amines, coco alkyl dimethyl, N-oxides	61788-90-7	DNEL	11 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
sodium metasilicate, anhydrous	6834-92-0	DNEL	6.22 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
sodium metasilicate, anhydrous	6834-92-0	DNEL	1.49 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Alcohols, C9-11 ethoxylated	68439-46-3	DNEL	2,080 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
Alcohols, C9-11 ethoxylated	68439-46-3	DNEL	294 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
1-butoxypropan-2-ol	5131-66-8	DNEL	44 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
1-butoxypropan-2-ol	5131-66-8	DNEL	270.5 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
methanol	67-56-1	DNEL	40 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
methanol	67-56-1	DNEL	40 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

### Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	0.034 mg/l	aquatic organisms	freshwater	short-term (single instance)
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	0.003 mg/l	aquatic organisms	marine water	short-term (single instance)
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	0.034 mg/l	aquatic organisms	water	intermittent release
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	24 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	5.24 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	0.524 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
amines, coco alkyl dimethyl, N-oxides	61788-90-7	PNEC	1.02 mg/kg	terrestrial organisms	soil	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	0.1038 mg/l	aquatic organisms	freshwater	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	0.1038 mg/l	aquatic organisms	marine water	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	1.4 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	13.7 mg/kg	benthic organisms	sediment	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	13.7 mg/kg	pelagic organisms	sediment	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	1 mg/kg	terrestrial organisms	soil	short-term (single instance)
Alcohols, C9-11 ethoxylated	68439-46-3	PNEC	0.014 mg/l	aquatic organisms	water	intermittent release

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

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Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
1-butoxypropan-2-ol	5131-66-8	PNEC	0.525 mg/l	aquatic organisms	freshwater	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.0525 mg/l	aquatic organisms	marine water	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	10 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	2.36 mg/kg	benthic organisms	sediment	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	0.16 mg/kg	terrestrial organisms	soil	short-term (single instance)
1-butoxypropan-2-ol	5131-66-8	PNEC	5.25 mg/l	aquatic organisms	water	intermittent release
1-butoxypropan-2-ol	5131-66-8	PNEC	0.236 mg/kg	pelagic organisms	sediment	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
methanol	67-56-1	PNEC	77 mg/kg	benthic organisms	sediment	short-term (single instance)
methanol	67-56-1	PNEC	7.7 mg/kg	pelagic organisms	sediment	short-term (single instance)
methanol	67-56-1	PNEC	1,540 mg/l	aquatic organisms	water	intermittent release
methanol	67-56-1	PNEC	20.8 mg/l	aquatic organisms	freshwater	short-term (single instance)
methanol	67-56-1	PNEC	2.08 mg/l	aquatic organisms	marine water	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
methanol	67-56-1	PNEC	77 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
methanol	67-56-1	PNEC	7.7 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/kg	terrestrial organisms	soil	short-term (single instance)

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### Skin protection

#### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Color	green
Odor	characteristic

#### Other safety parameters

pH (value)	12.8 – 13 (25 °C) (base)
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	>100 °C at 961.3 mbar
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	not determined
Vapor pressure	31.69 hPa at 25 °C
Density	1.02 g/cm <sup>3</sup>
Vapor density	this information is not available

#### Solubility(ies)

- Water solubility	miscible in any proportion
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#### Partition coefficient

- n-octanol/water (log KOW)	this information is not available
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# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Auto-ignition temperature	260 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2C (maximum permissible surface temperature on the equipment: 230 °C)
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

Oxidizers

Release of flammable materials with:

Light metals (due to the release of hydrogen in an acid/alkaline medium)

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
sodium metasilicate, anhydrous	6834-92-0	oral	1,349 mg/kg
sodium metasilicate, anhydrous	6834-92-0	inhalation: vapor	2.06 mg/l/4h
sodium metasilicate, anhydrous	6834-92-0	inhalation: dust/mist	0.5 mg/l/4h
Alcohols, C9-11 ethoxylated	68439-46-3	oral	1,200 mg/kg
Alcohols, C9-11 ethoxylated	68439-46-3	dermal	2,000 mg/kg

### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye damage.

### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
amines, coco alkyldimethyl, N-oxides	61788-90-7	LC50	134 mg/l	fish	96 h
amines, coco alkyldimethyl, N-oxides	61788-90-7	EC50	3.9 mg/l	aquatic invertebrates	48 h
amines, coco alkyldimethyl, N-oxides	61788-90-7	ErC50	0.86 mg/l	algae	72 h

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
sodium metasilicate, anhydrous	6834-92-0	LC50	310 mg/l	fish	96 h
sodium metasilicate, anhydrous	6834-92-0	EC50	1,700 mg/l	aquatic invertebrates	48 h
Alcohols, C9-11 ethoxylated	68439-46-3	LC50	8.5 mg/l	fathead minnow	96 h
Alcohols, C9-11 ethoxylated	68439-46-3	EC50	5.3 mg/l	daphnia magna	48 h
Alcohols, C9-11 ethoxylated	68439-46-3	ErC50	1 – 10 mg/l	algae	96 h
1-butoxypropan-2-ol	5131-66-8	EC50	>1,000 mg/l	aquatic invertebrates	48 h
methanol	67-56-1	LC50	15,400 mg/l	fish	96 h
methanol	67-56-1	EC50	12,700 mg/l	fish	96 h
methanol	67-56-1	ErC50	22,000 mg/l	algae	96 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
amines, coco alkyl dimethyl, N-oxides	61788-90-7	LC50	0.87 mg/l	fish	120 d
amines, coco alkyl dimethyl, N-oxides	61788-90-7	EC50	0.88 mg/l	aquatic invertebrates	21 d
sodium metasilicate, anhydrous	6834-92-0	EC50	>100 mg/l	microorganisms	3 h
1-butoxypropan-2-ol	5131-66-8	EC50	>1,000 mg/l	microorganisms	3 h

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### 12.6 Other adverse effects

Endocrine disrupting potential  
None of the ingredients are listed.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

- |      |   |   |
|------|---|---|
| 14.1 | <b>UN number</b>  | not subject to transport regulations                                  |
| 14.2 | <b>UN proper shipping name</b>  | not assigned  |
| 14.3 | <b>Transport hazard class(es)</b>   | not assigned  |
| 14.4 | <b>Packing group</b>  | not assigned  |
| 14.5 | <b>Environmental hazards</b>  | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | <b>Special precautions for user</b>                                       | There is no additional information.                                   |
| 14.7 | <b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b> | The cargo is not intended to be carried in bulk.                      |

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road or rail (49 CFR US DOT)**

Not subject to transport regulations.

#### **International Maritime Dangerous Goods Code (IMDG)**

Not subject to IMDG.

#### **International Civil Aviation Organization (ICAO-IATA/DGR)**

Not subject to ICAO-IATA.

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

**Toxic Substance Control Act (TSCA)** all ingredients are listed

##### Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings			
Name of substance	CAS No	Remarks	Effective date
methanol	67-56-1		1986-12-31

##### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
methanol	67-56-1		3 4	5000 (2270)

##### Legend

3 "3" indicates that the source is section 112 of the Clean Air Act

4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

##### Clean Air Act

none of the ingredients are listed

##### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
water	7732-18-5	solvent	
amines, coco alkyldimethyl, N-oxides	61788-90-7	surfactant	
N,N-Diethoxylated-N-coco-N-methylammonium chloride	61791-10-4	surfactant	
sodium metasilicate, anhydrous	6834-92-0	cleaning agent	
Alcohols, C9-11 ethoxylated	68439-46-3	surfactant	
acrylic polymer		viscosity modifier	
1-butoxypropan-2-ol	5131-66-8	co-solvent	
disodium cocoamphodipropionate	68604-71-7	surfactant	
EDTA, anhydrous	64-02-8	chelate / sequestrant	

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Name of substance	CAS No	Functionality	Authoritative Lists
methanol	67-56-1	alcohols	CA TACs NTP OHAT - Repr. or Dev. Toxicants OEHHA RELs Prop 65
trisodium nitrilotriacetate, anhydrous	5064-31-3	chelate / sequestrant	
cocoyl hydroxyethylimidazoline	61791-38-6	non-functional constituent	
sodium hydroxide	1310-73-2	pH adjusting agent	OEHHA RELs
drimarene green	633-03-4	colorant	
C.I. Direct Blue 86, disodium salt	1330-38-7	colorant	

### - Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
methanol	67-56-1				1.0 %

### - Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
methanol	67-56-1		TE F3

#### Legend

F3 Flammable - Third Degree  
TE Teratogenic

### - Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
METHANOL	67-56-1	E

#### Legend

E Environmental hazard

### - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
methanol	67-56-1	T, F

#### Legend

F Flammability (NFPA®)  
T Toxicity (ACGIH®)

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals				
Name acc. to inventory	CAS No	Conc.	Remarks	Type of the toxicity
methanol	67-56-1	0.1243 wt%		developmental

### VOC content

Regulated Volatile Organic Compounds (VOC-EPA): 2.154 %  
Regulated Volatile Organic Compounds (VOC-Cal ARB): 2.154 %

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

Chronic: chronic hazard  
Flammability: flammability hazard  
Health: health hazard  
Personal protection: personal protective equipment (PPE) for normal use  
Physical hazard: reactivity

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	3	material that, under emergency conditions, can cause serious or permanent injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

### National inventories

Country	Inventory	Status
CA	DSL	all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed

#### Legend

DSL Domestic Substances List (DSL)

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

### Legend

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information, including date of preparation or last revision

### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.2	- Hazardous ingredients for labelling: N,N-Diethoxylated-N-coco-N-methylammonium chloride, sodium metasilicate, anhydrous, Alcohols, C9-11 ethoxylated, lauramine oxide	- Hazardous ingredients for labelling: N,N-Diethoxylated-N-coco-N-methylammonium chloride, sodium metasilicate, anhydrous, Alcohols, C9-11 ethoxylated, amines, coco alkyldimethyl, N-oxides	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
6.2	Environmental precautions: If substance has entered a water course or sewer, inform the responsible authority.	Environmental precautions	yes
7.1		- Handling of incompatible substances or mixtures: Do not mix with acids.	yes
7.2	- Packaging compatibilities: Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.		yes
8.1		Relevant DNELs of components of the mixture: change in the listing (table)	yes
8.1		Relevant PNECs of components of the mixture: change in the listing (table)	yes
9.1	pH (value): 13.5 (25 °C)	pH (value): 12.8 – 13 (25 °C) (base)	yes
9.1	Initial boiling point and boiling range: 90 °C	Initial boiling point and boiling range: 100 °C	yes
10.5		Release of flammable materials with: Light metals (due to the release of hydrogen in an acid/alkaline medium)	yes
11.1		Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
13.1	Waste treatment of containers/packages: Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	Waste treatment of containers/packages: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.1	UN number: 3082	UN number: not subject to transport regulations	yes
14.2	UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s.	UN proper shipping name: not assigned	yes
14.3	Transport hazard class(es)	Transport hazard class(es): not assigned	yes
14.3	Class: 9 (environmentally hazardous)		yes
14.4	Packing group: III (substance presenting low danger)	Packing group: not assigned	yes
14.5	Environmental hazards: hazardous to the aquatic environment	Environmental hazards: non-environmentally hazardous acc. to the dangerous goods regulations	yes
14.7	Transport of dangerous goods by road or rail (49 CFR US DOT): Not regulated under DOT until packaged in single containers larger than 119 gallons each - liquid, or 882 lbs each - solid.	Transport of dangerous goods by road or rail (49 CFR US DOT): Not subject to transport regulations.	yes
14.7	Index number: 3082		yes
14.7	Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.		yes
14.7	Particulars in the shipper's declaration: UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III		yes
14.7	Reportable quantity (RQ): 5,000,000 lbs (2,270,000 kg) (sodium hydroxide) (methanol)		yes
14.7	Class: 9		yes
14.7	Packing group: III		yes
14.7	Danger label(s): 9, fish and tree		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Environmental hazards: yes (hazardous to the aquatic environment)		yes
14.7	Special provisions (SP): 8, 146, 173, 335, IB3, T4, TP1, TP29		yes
14.7	ERG No: 171		yes
14.7	UN number: 3082		yes
14.7	Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.		yes

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7	Class: 9		yes
14.7	Marine pollutant: yes (hazardous to the aquatic environment)		yes
14.7	Packing group: III		yes
14.7	Danger label(s): 9, fish and tree		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): 274, 335, 969		yes
14.7	Excepted quantities (EQ): E1		yes
14.7	Limited quantities (LQ): 5 L		yes
14.7	EmS: F-A, S-F		yes
14.7	Stowage category: A		yes
14.7	UN number: 3082		yes
14.7	Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.		yes
14.7	Class: 9		yes
14.7	Environmental hazards: yes (hazardous to the aquatic environment)		yes
14.7	Packing group: III		yes
14.7	Danger label(s): 9, fish and tree		yes
14.7		Danger label(s): change in the listing (table)	yes
14.7	Special provisions (SP): A97, A158, A197		yes
14.7	Excepted quantities (EQ): E1		yes
14.7	Limited quantities (LQ): 30 kg		yes
15.1.50.5	New Jersey Worker and Community Right to Know Act		yes
15.1.50.5		Right to Know Hazardous Substance List: change in the listing (table)	yes

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7	International Maritime Dangerous Goods Code (IMDG)	International Maritime Dangerous Goods Code (IMDG): Not subject to IMDG.	yes
14.7	International Civil Aviation Organization (ICAO-IATA/DGR)	International Civil Aviation Organization (ICAO-IATA/DGR): Not subject to ICAO-IATA.	yes
15.1		Right to Know Hazardous Substance List	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK)	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1		Toxic or Hazardous Substance List (MA-TURA)	yes
15.1		Toxic or Hazardous Substance List (MA-TURA): change in the listing (table)	yes
15.1		Hazardous Substance List (NJ-RTK)	yes
15.1		Hazardous Substance List (NJ-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (Chapter 323) (PA-RTK)	yes
15.1		Hazardous Substance List (Chapter 323) (PA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (RI-RTK)	yes
15.1		Hazardous Substance List (RI-RTK): change in the listing (table)	yes
15.1		Proposition 65 List of chemicals: change in the listing (table)	yes
15.1	VOC content: Regulated Volatile Organic Compounds (VOC-EPA): 2.135 % Regulated Volatile Organic Compounds (VOC-Cal ARB): 2.135 %	VOC content: Regulated Volatile Organic Compounds (VOC-EPA): 2.154 % Regulated Volatile Organic Compounds (VOC-Cal ARB): 2.154 %	yes
16		List of relevant phrases (code and full text as stated in chapter 2 and 3): change in the listing (table)	yes

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: <a href="http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement">http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement</a>
Acute Tox.	Acute toxicity

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Abbr.	Descriptions of used abbreviations
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DEP CODE	Department of Environmental Protection Code
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HHS	Higher hazard substance
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LHS	Lower hazard substance
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NFPA®	National Fire Protection Association (United States)
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## Wheel and Tire Cleaner

Version number: GHS 2.0  
Replaces version of: 2019-10-23 (GHS 1)

Revision: 2020-05-05

Abbr.	Descriptions of used abbreviations
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
TLV®	Threshold Limit Values
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H225	Highly flammable liquid and vapor.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.