

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

1 Identification

- Product identifier
- Trade name: Wheel + Engine Cleaner
- Article number: 97211015
- Application of the substance / the mixture Exterior vehicle cleaner
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Nextzett GmbH
An der Höhe 15
D-51674 Wiehl-Marienhagen
Deutschland
Tel: +49 2261 6095433
Fax: +49 2261 6095429
Email: info@nextzett.de / www.nextzett.de
- Information department: Chemtel
- Emergency telephone number: 1-800-255-3924 (USA AND CANADA)

2 Hazard(s) identification

- Classification of the substance or mixture
The product is not classified, according to the Globally Harmonized System (GHS).

- Label elements
- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Classification system:
- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void

· Verordnung (EG) Nr. 648/2004 über Detergenzien / Kennzeichnung der Inhaltsstoffe

anionic surfactants, non-ionic surfactants

<5%

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

perfumes, preservation agents (pyridine-2-thiol 1-oxide, sodium salt, BENZISOTHIAZOLINONE)

(Contd. of page 1)

4 First-aid measures

- Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water. ·
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available. ·
- Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available. ·
- Advice for firefighters
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required. ·
- Environmental precautions:
- Dilute with plenty of water.
- Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). ·
- 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.
- Protective Action Criteria for Chemicals

· PAC-1:

CAS: 111-76-2	2-butoxyethanol	60 ppm
CAS: 10213-79-3	disodium silicate pentahydrate	6.6 mg/m ³
CAS: 1310-73-2	sodium hydroxide	0.5 mg/m ³
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
CAS: 91-64-5	Coumarin	0.88 mg/m ³
CAS: 100-51-6	Benzyl alcohol	30 ppm
CAS: 120-51-4	Benzyl benzoate	5.7 mg/m ³

· PAC-2:

CAS: 111-76-2	2-butoxyethanol	120 ppm
CAS: 10213-79-3	disodium silicate pentahydrate	73 mg/m ³

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 2)

CAS: 1310-73-2	sodium hydroxide	5 mg/m ³
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
CAS: 91-64-5	Coumarin	9.7 mg/m ³
CAS: 100-51-6	Benzyl alcohol	52 ppm
CAS: 120-51-4	Benzyl benzoate	63 mg/m ³
· PAC-3:		
CAS: 111-76-2	2-butoxyethanol	700 ppm
CAS: 10213-79-3	disodium silicate pentahydrate	440 mg/m ³
CAS: 1310-73-2	sodium hydroxide	50 mg/m ³
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
CAS: 91-64-5	Coumarin	58 mg/m ³
CAS: 100-51-6	Benzyl alcohol	740 ppm
CAS: 120-51-4	Benzyl benzoate	380 mg/m ³

7 Handling and storage

- Handling:
- Precautions for safe handling *No special measures required.*
- Information about protection against explosions and fires: *No special measures required.*
- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles: *No special requirements.*
- Information about storage in one common storage facility: *Not required.*
- Further information about storage conditions: *None.*
- Storage class: 12
- Specific end use(s) *No further relevant information available.*

8 Exposure controls/personal protection

- Additional information about design of technical systems: *No further data; see item 7.*
- Control parameters
- Components 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 that were valid during the creation were used as basis.*
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment: *Not required.*
- Protection of hands:
Suitable chemical resistant protective gloves (EN374) also at prolonged, direct contact (recommended protection index 6, corresponding 480 minutes permeation time according to EN 374) e.g. from Nitrilkautschuk (0,33-0,5 mm) Polyvinylchlorid (1mm).
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 3)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

· Information on basic physical and chemical properties ·

General Information

· Appearance:

Form:	Fluid
Color:	Yellow
· Odor:	Characteristic
· Odor threshold:	Not determined.

· pH-value at 20 °C (68 °F): 11.4

· Change in condition

Melting point/Melting range:	4 °C (39.2 °F)
Boiling point/Boiling range:	100 °C (212 °F)

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapor pressure at 20 °C (68 °F): 23 hPa (17.3 mm Hg)

· Density at 20 °C (68 °F): 1.018 g/cm³ (8.49521 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

Water: Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not determined.

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 4)

Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.6 %
VOC content:	0.60 %
	6.1 g/l / 0.05 lb/gal
Solids content:	4.1 %
· Other information	No further relevant information available.

10 Stability and reactivity

- Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
The product is not subject to classification according to internally approved calculation methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

CAS: 111-76-2	2-butoxyethanol	3
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	3
CAS: 91-64-5	Coumarin	3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 5)

- *Persistence and degradability*
The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.
- *Behavior in environmental systems:*
- *Bioaccumulative potential* No further relevant information available. ·
- *Mobility in soil* No further relevant information available.
- *Additional ecological information:*
- *General notes:*
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- *Results of PBT and vPvB assessment*
- *PBT:* Not applicable.
- *vPvB:* Not applicable.
- *Other adverse effects* No further relevant information available.

13 Disposal considerations

- *Waste treatment methods*
- *Recommendation:* Smaller quantities can be disposed of with household waste.
- *Uncleaned packagings:*
- *Recommendation:* Disposal must be made according to official regulations.
- *Recommended cleansing agent:* Water, if necessary with cleansing agents.

14 Transport information

- | | |
|--|-----------------|
| · <i>UN-Number</i> | |
| · <i>DOT, IMDG, IATA</i> | not regulated |
| · <i>UN proper shipping name</i> | |
| · <i>DOT, IMDG, IATA</i> | not regulated |
| · <i>Transport hazard class(es)</i> | |
| · <i>DOT, ADN, IMDG, IATA</i> | |
| · <i>Class</i> | not regulated |
| · <i>Packing group</i> | |
| · <i>DOT, IMDG, IATA</i> | not regulated |
| · <i>Environmental hazards:</i> | Not applicable. |
| · <i>Special precautions for user</i> | Not applicable. |
| · <i>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</i> | Not applicable. |
| · <i>UN "Model Regulation":</i> | not regulated |

US

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 6)

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

CAS: 111-76-2 2-butoxyethanol

· TSCA (Toxic Substances Control Act):

CAS: 7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
CAS: 51981-21-6	Glutaminsäure, N,N-Diessigsäure, Tetranatriumsalz	ACTIVE
CAS: 111-76-2	2-butoxyethanol	ACTIVE
CAS: 1310-73-2	sodium hydroxide	ACTIVE
CAS: 78330-20-8	C10 Fettalkoholpolyglykolether 7 EO	ACTIVE
CAS: 9043-30-5	Alkohol C13-iso, ethoxiliert	ACTIVE
CAS: 144538-83-0	IMINODIBERNSTEINSÄURE, NATRIUMSALZ	ACTIVE
CAS: 8000-41-7	Terpineol	ACTIVE
CAS: 80-26-2	alpha-Terpineol acetate	ACTIVE
CAS: 2050-08-0	Amyl salicylate	ACTIVE
CAS: 40379-24-6	Isononyl acetate (isomer unspecified)	ACTIVE
CAS: 78-70-6	Linalool	ACTIVE
CAS: 122-40-7	alpha-Amylcinnamaldehyde	ACTIVE
CAS: 60-12-8	Phenethyl alcohol	ACTIVE
CAS: 115-95-7	linalyl acetate	ACTIVE
CAS: 134-20-3	methyl anthranilate	ACTIVE
CAS: 32210-23-4	4-tert-butylcyclohexyl acetate	ACTIVE
CAS: 118-58-1	benzyl salicylate	ACTIVE
CAS: 98-55-5	alpha-Terpineol	ACTIVE
CAS: 105-95-3	Ethylene brassylate	ACTIVE
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	ACTIVE
CAS: 91-64-5	Coumarin	ACTIVE
CAS: 106-24-1	Geraniol	ACTIVE
CAS: 93-18-5	beta-Naphthyl ethyl ether	ACTIVE
CAS: 518-47-8	disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	ACTIVE
CAS: 3811-73-2	pyridine-2-thiol 1-oxide, sodium salt	ACTIVE
CAS: 14860-53-8	tetrapotassium (1-hydroxyethylidene)bisphosphonate	ACTIVE
CAS: 475-20-7	Longifolene	ACTIVE
CAS: 103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	ACTIVE
CAS: 106-21-8	3,7-Dimethyl-1-octanol	ACTIVE

· Hazardous Air Pollutants

None of the ingredients is listed.

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/09/2020

Reviewed on 12/09/2020

Trade name: Wheel + Engine Cleaner

(Contd. of page 7)

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

CAS: 111-76-2	2-butoxyethanol	NL
---------------	-----------------	----

· TLV (Threshold Limit Value established by ACGIH)

CAS: 111-76-2	2-butoxyethanol	A3
---------------	-----------------	----

CAS: 80-56-8	alpha-Pinene	A4
--------------	--------------	----

· NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.

· GHS label elements Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

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

16 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.

· Contact:

· Date of preparation / last revision 12/09/2020 / -

· Abbreviations and acronyms:

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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· * Data compared to the previous version altered.