

SAFETY DATA SHEET
NEXTZETT "KRISTALLKLAR PREMIUM"

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Compilation date: 16.12.2016
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Revision No: 1

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

1.1. Product identifier

Product name: NEXTZETT "KRISTALLKLAR PREMIUM WINDSHIELD WASHER FLUID CONCENTRATE"
Product code: 92100815

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: nextzett GmbH
An der Höhe 15
D-51674 Wiehl-Marienhagen
Deutschland
Tel: +49 (0)2261 6095433
Fax: +49 (0)2261 6095429
Email: info@nextzett.de / www.nextzett.de

1.4. Emergency telephone number

CHEMTEL 1-800-255-3924 (USA AND CANADA); +1-813-248-0585 (Worldwide International)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315; -: EUH208
Most important adverse effects: Contains 2-methyl-4-isothiazolin-3-on, 1,2-benzisothiazolin-3-one, limonene*, citral. May produce an allergic reaction. Causes skin irritation. Causes serious eye damage.
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 2-methyl-4-isothiazolin-3-on, 1,2-benzisothiazolin-3-one, limonene*, citral. May produce an allergic reaction.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.
Hazard pictograms: GHS05: Corrosion



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Signal words: Danger

Precautionary statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/.
P305+351+338: 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.
P332+313: If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

NATRIUMDODECYLBENZOLSULFONAT - REACH registered number(s): 01-2119565112-48

EINECS	CAS	PBT / WEL	CLP Classification	Percent
246-680-4	25155-30-0	-	Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315	10-30%

LINEARES (C12-14) ALCOHOL, ETHOXYLIERT, SULFATIERT, NATRIUMSALZ - REACH registered number(s): 01-2119488639-16

500-234-8	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
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ETHANOL - REACH registered number(s): 01-2119457610-43

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%
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1-METHOXY-2-PROPANOL - REACH registered number(s): 01-2119457435-35

203-539-1	107-98-2	-	Flam. Liq. 3: H226; STOT SE 3: H336	1-10%
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BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL)ESTER, SODIUM SALT - REACH registered number(s): 01-2119491296-29

209-406-4	577-11-7	-	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%
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TRIETHANOLAMIN 99% - REACH registered number(s): 01-2119486482-31

203-049-8	102-71-6	Substance with a Community workplace exposure limit.	-	1-10%
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LIMONENE* - REACH registered number(s): 01-2119493353-35

232-433-8	8028-48-6	-	Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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CITRAL - REACH registered number(s): 01-2119462829-23

226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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Contains: 15 - 30 %
anionic surfactants
limonene
citral
geraniol
perfume
methyl isothiazolinone, benzene isothiazolinone

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC35: Washing and cleaning products (including solvent based products).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ETHANOL

[cont...]

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Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m3	-	-	-

Respirable dust

1-METHOXY-2-PROPANOL

UK	375 mg/m3	560 mg/m3	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Green

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: 100

Flammability limits %: lower: Not applicable.

Flash point°C: >100

Autoflammability°C: Not applicable.

Relative density: 1,03 g/cm³

VOC g/l: 154,5

Melting point/range°C: +4

upper: Not applicable.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: 23,4 mbar (20°C)

pH: 10

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

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10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

1-METHOXY-2-PROPANOL

IVN	RAT	LD50	4200	mg/kg
ORL	MUS	LD50	11700	mg/kg
ORL	RAT	LDLO	3739	mg/kg

TRIETHANOLAMIN 99%

ORAL	RAT	LD50	6400	mg/kg
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CITRAL

IPR	RAT	LD50	460	mg/kg
ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	4960	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

LINEARES (C12-14) ALCOHOL, ETHOXYLIERT, SULFATIERT, NATRIUMSALZ

ALGAE	72H ErC50	27,7	mg/l
Daphnia magna	48H EC50	7,4	mg/l
FISCH	96H LC50	7,1	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms. Harmful to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: NOT Regulated: This product does not require classification by DOT, IATA, ICAO or IMDG.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No

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2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.