

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** NEXTZETT "ANTI FROST WINDSHIELD WASHER CONCENTRATE PLUS"**Product code:** 94252015**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC4: Anti-Freeze and de-icing 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:** Flam. Liq. 3: H226**Most important adverse effects:** Flammable liquid and vapour.**2.2. Label elements****Label elements:****Hazard statements:** H226: Flammable liquid and vapour.**Hazard pictograms:** GHS02: Flame**Signal words:** Warning**Precautionary statements:** P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P370+378: In case of fire: Use water to extinguish.

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### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

ETHANOL - REACH registered number(s): 01-2119457610-43

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	30-50%

MONOETHYLENGLYKOL - REACH registered number(s): 01-2119456816-28

203-473-3	107-21-1	-	Acute Tox. 4: H302; STOT RE 2: H373	1-10%
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**Contains:** perfume

## 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.

**Ingestion:** Wash out mouth with water.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

### 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.

[cont...]

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### Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. 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. Do not use equipment in clean-up procedure which may produce sparks.

#### 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:** Smoking is forbidden. Use non-sparking tools. 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. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

#### 7.3. Specific end use(s)

**Specific end use(s):** PC4: Anti-Freeze and de-icing products.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Hazardous ingredients:**

**ETHANOL**

**Workplace exposure limits:**

**Respirable dust**

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

[cont...]

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### MONOETHYLENGLYKOL

UK	52 mg/m3 (vapour)	104 mg/m3 (vapour)	-	-
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### DNEL/PNEC Values

#### Hazardous ingredients:

### MONOETHYLENGLYKOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	53 mg/kg bw/d	Consumers	Systemic
DNEL	Dermal (repeated dose)	106 mg/kg bw/d	Workers	Systemic
DNEL	Inhalation (repeated dose)	7 mg/m <sup>3</sup>	Consumers	Local
DNEL	Inhalation (repeated dose)	35 mg/m <sup>3</sup>	Workers	Local
PNEC	Fresh water	10 mg/l	-	-
PNEC	Intermittierende Freisetzung	10 mg/l	-	-
PNEC	Marine water	1 mg/l	-	-
PNEC	Fresh water sediments	37 mg/kg	-	-
PNEC	Marine sediments	3,7 mg/kg	-	-
PNEC	Soil (agricultural)	1,53 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	199,5 mg/l	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. 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:** Blue

**Odour:** Alcoholic

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**Boiling point/range°C:** ab 78

**Melting point/range°C:** -60

**Flammability limits %: lower:** 3,5

**upper:** 15,0

**Flash point°C:** >23

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

**Autoflammability°C:** 425

**Vapour pressure:** 60hPa (20°C)

**Relative density:** 0,918 g/cm<sup>3</sup>

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pH: ca. 7

VOC g/l: 593

### 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. Stable at room temperature.

### 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.

### 10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

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

### 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

Toxicity values: No data available.

### Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

## Section 12: Ecological information

[cont...]

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### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 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:** Negligible ecotoxicity.

## 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

### 14.1. UN number

**UN number:** UN1170

### 14.2. UN proper shipping name

**Shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

## Section 15: Regulatory information

[cont...]

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

**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.