

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ultra Gel Spray

Print date: 08.03.2016

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

##### 1.1. Product identifier

Ultra Gel Spray

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

###### Use of the substance/mixture

Lubricant and additive.

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

|                         |                                   |                           |
|-------------------------|-----------------------------------|---------------------------|
| Company name:           | nextzett GmbH                     |                           |
| Street:                 | An der Höhe 15                    |                           |
| Place:                  | D-51674 Wiehl-Marienhagen         |                           |
| Telephone:              | +49 2261 6095433                  | Telefax: +49 2261 6095429 |
| e-mail:                 | matthias.gregorzewski@nextzett.de |                           |
| Contact person:         | Mr. Gregorzewski                  |                           |
| Internet:               | www.nextzett.de                   |                           |
| Responsible Department: | Mr. Gregorzewski                  |                           |

##### 1.4. Emergency telephone TRANSPORTATION AND MEDICAL EMERGENCY PHONE NUMBER

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

###### Regulation (EC) No. 1272/2008

Hazard categories:

Aerosol: Aerosol 1

Skin corrosion/irritation: Skin Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Hazard components for labelling

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha  
n-hexane

Signal word: Danger

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#### Pictograms:



#### Hazard statements

|      |  |
|------|--|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: May burst if heated.      |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

#### Precautionary statements

|           |  |
|-----------|--|
| P101      | If medical advice is needed, have product container or label at hand.                          |
| P102      | Keep out of reach of children.   |
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211      | Do not spray on an open flame or other ignition source.  |
| P251      | Do not pierce or burn, even after use.   |
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P271      | Use only outdoors or in a well-ventilated area.  |
| P273      | Avoid release to the environment.  |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed.                               |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |
| P501      | Dispose of contents/container to special waste collection point.                               |

#### Special labelling of certain mixtures

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition  
- No smoking. Keep out of the reach of children.

#### Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.  
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### 2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.  
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of substances listed below with nonhazardous additions.

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#### Hazardous components

| CAS No     | Chemical name   |              |                  | Quantity    |
|------------|---|--------------|------------------|-------------|
|            | EC No   | Index No     | REACH No         |             |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |              |                  |             |
| 64742-49-0 | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic   |              |                  | 20 - < 25 % |
|            | 927-510-4   |              | 01-2119475515-33 |             |
|            | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411                                |              |                  |             |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha   |              |                  | 5 - < 10 %  |
|            | 265-151-9   | 649-328-00-1 | 01-2119484651-34 |             |
|            | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411                                |              |                  |             |
| 110-54-3   | n-hexane  |              |                  | < 1 %       |
|            | 203-777-6   | 601-037-00-0 | 01-2119480412-44 |             |
|            | Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411 |              |                  |             |
| 110-82-7   | cyclohexane   |              |                  | < 1 %       |
|            | 203-806-2   | 601-017-00-1 | 01-2119463273-41 |             |
|            | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H225 H315 H336 H304 H400 H410          |              |                  |             |
| 128-37-0   | 2,6-Di-tert-butyl-p-kresol  |              |                  | < 1 %       |
|            | 204-881-4   |              | 01-2119480433-40 |             |
|            | Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H400 H410  |              |                  |             |

Full text of H and EUH statements: see section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

If victim is at risk of losing consciousness, position and transport on their side. Provide fresh air.

###### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

###### After contact with skin

After contact with skin, wash immediately with: Water and soap.

###### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

###### After ingestion

Give nothing to eat or drink. Do NOT induce vomiting.

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

The following symptoms may occur: Allergic reactions.

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

Hazards identification: Lung irritation.

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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### **Suitable extinguishing media**

Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Sand.

###### **Unsuitable extinguishing media**

High power water jet.

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

In case of fire and/or explosion do not breathe fumes. In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

###### **Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

#### SECTION 6: Accidental release measures

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

Provide adequate ventilation. Keep away from unprotected people. Keep upwind. Wear personal protection equipment.

##### 6.2. Environmental precautions

Spilled product must not leak into the ground. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Suitable material for taking up: diatomaceous earth. Do not rinse down with water.

##### 6.4. Reference to other sections

See protective measures under point 7 and 8.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### **Advice on safe handling**

Provide adequate ventilation as well as local exhaust at critical locations.

###### **Advice on protection against fire and explosion**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. The product is: Highly flammable.

###### **Further information on handling**

Avoid contact with skin and eyes.

Take precautionary measures against static discharges.

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

###### **Requirements for storage rooms and vessels**

Store only in original container.

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#### Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

#### Further information on storage conditions

Suitable floor material: Solvent-proof.

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

Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

| CAS No   | Substance                  | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|----------------------------|-----|-------------------|-----------|---------------|--------|
| 128-37-0 | 2,6-Di-tert-butyl-p-cresol | -   | 10                |           | TWA (8 h)     | WEL    |
|          |                            | -   | -                 |           | STEL (15 min) | WEL    |
| 106-97-8 | Butane                     | 600 | 1450              |           | TWA (8 h)     | WEL    |
|          |                            | 750 | 1810              |           | STEL (15 min) | WEL    |
| 110-82-7 | Cyclohexane                | 100 | 350               |           | TWA (8 h)     | WEL    |
|          |                            | 300 | 1050              |           | STEL (15 min) | WEL    |
| 110-54-3 | n-Hexane                   | 20  | 72                |           | TWA (8 h)     | WEL    |
|          |                            | -   | -                 |           | STEL (15 min) | WEL    |

#### 8.2. Exposure controls



#### Appropriate engineering controls

Refer to chapter 7. No further action is necessary.

#### Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

#### Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. gemäß DIN EN 166

#### Hand protection

Tested protective gloves are to be worn: nach DIN EN 374

Suitable material:

NBR (Nitrile rubber).

Thickness of glove material: 0,45 mm; penetration time (maximum wearing period): 480 min NR (Natural rubber (Caoutchouc), Natural latex).

Thickness of glove material: 0,45 mm; penetration time (maximum wearing period): 10 min CR (polychloroprenes, Chloroprene rubber).

Thickness of glove material: 0,75 mm; penetration time (maximum wearing period): 60 min

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Additional protection measures for the hands: Before using check leak tightness / impermeability.

#### Respiratory protection

Respiratory protection necessary at: insufficient absorption. and prolonged action.

Suitable respiratory protective equipment: Full-/Half-/Quarter-Masks (DIN EN 136/140). particulates filter device (DIN EN 143). P1. Use only respiratory protection equipment with CE-symbol including four digit test number.

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Physical state: | liquid         |
| Colour:         | light brown    |
| Odour:          | characteristic |

|           |                             |                    |
|-----------|-----------------------------|--------------------|
| pH-Value: | Not applicable, as aerosol. | <b>Test method</b> |
|-----------|-----------------------------|--------------------|

#### Changes in the physical state

|  |                  |
|--|------------------|
| Melting point:                           | Undetermined.    |
| Initial boiling point and boiling range: | -42 °C DIN 53171 |
| Flash point:                             | < 0 °C DIN 51755 |

#### Flammability

|        |               |
|--------|---------------|
| Solid: | Undetermined. |
| Gas:   | Undetermined. |

#### Explosive properties

not Explosive.

|                         |                  |
|-------------------------|------------------|
| Lower explosion limits: | 1 vol. %         |
| Upper explosion limits: | 9,4 vol. %       |
| Ignition temperature:   | 200 °C DIN 51794 |

#### Auto-ignition temperature

|        |               |
|--------|---------------|
| Solid: | Undetermined. |
| Gas:   | Undetermined. |

|                            |               |
|----------------------------|---------------|
| Decomposition temperature: | Undetermined. |
|----------------------------|---------------|

#### Oxidizing properties

not oxidizing.

|                  |               |
|------------------|---------------|
| Vapour pressure: | Undetermined. |
|------------------|---------------|

|                     |                                   |
|---------------------|-----------------------------------|
| Density (at 20 °C): | 0,706 g/cm <sup>3</sup> DIN 51757 |
|---------------------|-----------------------------------|

|                   |              |
|-------------------|--------------|
| Water solubility: | not miscible |
|-------------------|--------------|

#### Solubility in other solvents

miscible with most organic solvents

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|                        |   |
|------------------------|---|
| Partition coefficient: | Undetermined.                                 |
| Flow time:             | Not applicable, as aerosol. 3 DIN EN ISO 2431 |
| Vapour density:        | Undetermined.                                 |
| Evaporation rate:      | Undetermined.                                 |
| Solvent content:       | 24,80 %                                       |

#### **9.2. Other information**

|                |     |
|----------------|-----|
| Solid content: | 13% |
|----------------|-----|

### SECTION 10: Stability and reactivity

#### **10.1. Reactivity**

No information available.

#### **10.2. Chemical stability**

The product is stable.

#### **10.3. Possibility of hazardous reactions**

In case of warming: Risk of selfignition. Danger of bursting container.

#### **10.4. Conditions to avoid**

heat.

#### **10.5. Incompatible materials**

Oxidizing agents.

#### **10.6. Hazardous decomposition products**

Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

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#### Acute toxicity

| CAS No     | Chemical name   |                   |         |        |
|------------|---|-------------------|---------|--------|
|            | Exposure route  | Dose              | Species | Source |
| 64742-49-0 | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic                                     |                   |         |        |
|            | oral  | LD50 > 5840 mg/kg | Rat     |        |
|            | dermal  | LD50 > 2920 mg/kg | Rat     |        |
|            | inhalative (4 h) vapour   | LC50 > 23300 mg/l | Rat     |        |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha |                   |         |        |
|            | oral  | LD50 > 2000 mg/kg | Rat     |        |
|            | dermal  | LD50 > 2000 mg/kg | Rabbit  |        |
| 110-82-7   | cyclohexane   |                   |         |        |
|            | oral  | LD50 > 5000 mg/kg |         |        |
|            | dermal  | LD50 > 2000 mg/kg |         |        |
|            | inhalative (4 h) vapour   | LC50 32880 mg/l   |         |        |
| 128-37-0   | 2,6-Di-tert-butyl-p-kresol  |                   |         |        |
|            | oral  | LD50 > 2000 mg/kg |         |        |
|            | dermal  | LD50 > 2000 mg/kg |         |        |

#### Specific effects in experiment on an animal

No information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity



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| CAS No     | Chemical name   |                   |           |                     |                    |
|------------|---|-------------------|-----------|---------------------|--------------------|
|            | Aquatic toxicity  | Dose              | [h]   [d] | Species             | Source             |
| 64742-49-0 | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic                                     |                   |           |                     |                    |
|            | Acute fish toxicity   | LC50 13,4 mg/l    | 96 h      | Oncorhynchus mykiss |                    |
|            | Acute crustacea toxicity  | EC50 3 mg/l       | 48 h      | Daphnia magna       |                    |
|            | Fish toxicity   | NOEC 1,543 mg/l   | 28 d      | Oncorhynchus mykiss |                    |
|            | Crustacea toxicity  | NOEC 1 mg/l       | 21 d      | Daphnia magna       |                    |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha |                   |           |                     |                    |
|            | Acute fish toxicity   | LC50 19 mg/l      | 96 h      |                     |                    |
| 110-54-3   | n-hexane  |                   |           |                     |                    |
|            | Acute fish toxicity   | LC50 2,5 mg/l     | 96 h      | Pimephales promelas | Geiger et al. 1990 |
| 110-82-7   | cyclohexane   |                   |           |                     |                    |
|            | Acute fish toxicity   | LC50 4,53 mg/l    | 96 h      |                     |                    |
|            | Acute algae toxicity  | ErC50 3,4 mg/l    | 72 h      |                     |                    |
|            | Acute crustacea toxicity  | EC50 0,9 mg/l     | 48 h      |                     |                    |
| 128-37-0   | 2,6-Di-tert-butyl-p-kresol  |                   |           |                     |                    |
|            | Acute fish toxicity   | LC50 > 0,464 mg/l | 96 h      |                     |                    |
|            | Acute algae toxicity  | ErC50 0,42 mg/l   |           |                     |                    |
|            | Acute crustacea toxicity  | EC50 1,44 mg/l    | 48 h      |                     |                    |

#### 12.2. Persistence and degradability

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

#### Partition coefficient n-octanol/water

| CAS No   | Chemical name              | Log Pow |
|----------|----------------------------|---------|
| 110-54-3 | n-hexane                   | 3,9     |
| 128-37-0 | 2,6-Di-tert-butyl-p-kresol | 5,1     |

#### BCF

| CAS No   | Chemical name | BCF | Species | Source |
|----------|---------------|-----|---------|--------|
| 110-54-3 | n-hexane      | 501 |         |        |
| 110-82-7 | cyclohexane   | 167 |         |        |

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

No information available.

#### 12.6. Other adverse effects

AOX: The product contains no organically bound Halogen.

### SECTION 13: Disposal considerations

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#### 13.1. Waste treatment methods

##### Advice on disposal

Carry out a burning of hazardous waste according to official regulations.

##### Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances  
Classified as hazardous waste.

#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0  
Transport category: 2  
Tunnel restriction code: D

##### Other applicable information (land transport)

Special provisions: 190 - 327 - 625  
E0  
Transport category: 2

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

#### 14.6. Special precautions for user

Caution! Container under pressure.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable, as aerosol.

#### SECTION 15: Regulatory information

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

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#### EU regulatory information

2010/75/EU (VOC): 448,31

#### Additional information

Sources of the most important data: 2001/118/EG, 1999/45/EG, 91/155/EWG, 67/548/EWG, (EG) 1907/2006, (EG) 1272/2008, GefStoffV, WRMG, WHG, TRG 300, TRGS 200, TRGS 220, ADR 2015, IMDG-Code

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

#### Additional information

Observe regulation 98/24/EC for employee health protection against the threat of chemical substances in the workplace.

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### Relevant H and EUH statements (number and full text)

|       |  |
|-------|--|
| H222  | Extremely flammable aerosol.                                       |
| H225  | Highly flammable liquid and vapour.                                |
| H229  | Pressurised container: May burst if heated.                        |
| H304  | May be fatal if swallowed and enters airways.                      |
| H315  | Causes skin irritation.  |
| H336  | May cause drowsiness or dizziness.                                 |
| H361f | Suspected of damaging fertility.                                   |
| H373  | May cause damage to organs through prolonged or repeated exposure. |
| H400  | Very toxic to aquatic life.  |
| H410  | Very toxic to aquatic life with long lasting effects.              |
| H411  | Toxic to aquatic life with long lasting effects.                   |

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*