

## SAFETY DATA SHEET

JEBSOL 28

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Compilation date: 08/09/2009

Revision date: 28/10/2021

Revision No: 5

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

#### 1.1. Product identifier

Product name: JEBSOL 28

CAS number: Blend

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

Use of substance / mixture: Concentrated Detergent mixture for pressure washing of road vehicles.

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

Company name: Multex Chemicals Ltd.

Multex House

Cannon Street

HULL

East Yorkshire

HU2 OAB

Tel: 01482 320432

Fax: 01482 321777

Email: [info@multexchemicals.co.uk](mailto:info@multexchemicals.co.uk)

#### 1.4. Emergency telephone number

Emergency tel: 01482 320432

(office hours only)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Carc. 2: H351; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer ([kidneys]- repeated ingestion.).

#### 2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

H351: Suspected of causing cancer ([kidneys]- repeated ingestion.).

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard



[cont...]

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**Signal words:** Warning

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P308+P313: IF exposed or concerned: Get medical advice/attention.

## 2.3. Other hazards

**Other hazards:** Harmful if swallowed. No significant hazards apply once diluted in accordance with label instructions.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

TRISODIUM NITRILOTRIACETATE

| EINECS    | CAS       | PBT / WEL | CLP Classification                                    | Percent |
|-----------|-----------|-----------|-------------------------------------------------------|---------|
| 225-768-6 | 5064-31-3 | -         | Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319 | 1-10%   |

C12-13 ALCOHOLS ETHOXYLATED>6EO

|           |             |   |                                      |       |
|-----------|-------------|---|--------------------------------------|-------|
| 931-954-4 | 160901-19-9 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | 1-10% |
|-----------|-------------|---|--------------------------------------|-------|

SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27

|           |           |   |                     |       |
|-----------|-----------|---|---------------------|-------|
| 215-185-5 | 1310-73-2 | - | Skin Corr. 1A: H314 | 1-10% |
|-----------|-----------|---|---------------------|-------|

## 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. If irritation persists seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. 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 irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Damage to liver and kidneys may develop later.

[cont...]

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**Inhalation:** Harmful fumes are not normally present. 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.

### 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:** Refer to section 8 of SDS for personal protection details. 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:** Mop up spillage. Wash the spillage site with large amounts of water. Wash down the drain with large amounts of water. Rinse residues away to foul water drain only.

### 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:** Polyethylene.

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## 7.3. Specific end use(s)

Specific end use(s): No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Hazardous ingredients:

**SODIUM HYDROXIDE**

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK    | -          | 2 mg/m3      | -          | -            |

### DNEL/PNEC Values

DNEL / PNEC No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

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

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields. 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:** Colourless

**Odour:** Barely perceptible odour

**Oxidising:** Non-oxidising (by EC criteria)

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

**Viscosity:** Non-viscous

**Boiling point/range°C:** >100

**Relative density:** 1.09

**pH:** Alkaline

### 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.

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## 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.

## 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

## 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising 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:**

#### SODIUM HYDROXIDE

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| IPR | MUS | LD50 | 40  | mg/kg |
| ORL | RBT | LD50 | 325 | mg/kg |

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |
| Carcinogenicity               | --    | Hazardous: calculated |

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Damage to liver and kidneys may develop later.

**Inhalation:** Harmful fumes are not normally present. 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.

**Other information:** Carcinogenic references- NOTE:- risks of exposure only by consumption via ingestion of significant quantities repeatedly.

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## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### C12-13 ALCOHOLS ETHOXYLATED>6EO

|               |          |       |      |
|---------------|----------|-------|------|
| Daphnia magna | 48H EC50 | >1-10 | mg/l |
|---------------|----------|-------|------|

#### SODIUM HYDROXIDE

|               |          |        |      |
|---------------|----------|--------|------|
| Daphnia magna | 48H EC50 | 40-240 | mg/l |
| FISH          | 96H LC50 | 33-189 | 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:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Used or surplus material may be discharged to a sewage drain with large volumes of water.

**Disposal of packaging:** Dispose of as normal industrial waste. Clean with water. Packaging is recyclable.

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

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

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## 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 2015/830.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H351: Suspected of causing cancer ([kidneys]- repeated ingestion.).  
H351: Suspected of causing cancer.

**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.