



**Corrosive**

MSDS Ref:  
TR 219

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**1.PRODUCT NAME:**

**TRIJECT - RAPID DPC**

**2. HAZARD IDENTIFICATION**



**Corrosive**

Corrosive – causes severe burns.

**3. COMPOSITION**

| HAZARDOUS INGREDIENT       | CAS No.     | EC No.    | Weight % | Symbols      | Risk Phrases |
|----------------------------|-------------|-----------|----------|--------------|--------------|
| Potassium methylsiliconate | 031795-24-1 |           | 47       | C, Corrosive | R35          |
| Potassium hydroxide        | 001310-58-3 | 215-181-3 | 19       | C, Corrosive | R35          |

**4. FIRST AID**

|                    |   |
|--------------------|---|
| CONTACT WITH SKIN: | Wash with plenty of water or soap and water. Immediately remove contaminated clothing.      |
| CONTACT WITH EYES: | Wash out with water for several minutes. Seek medical advice.                               |
| INGESTION:         | Rinse the mouth (do not swallow), and give copious fluids to drink. DO NOT INDUCE VOMITING. |
| INHALATION:        | Remove to fresh air.  |
| OTHER INFORMATION: | Advice to doctor: Allow cortisone spray inhalation at the earliest opportunity.             |

**5.FIRE-FIGHTING MEASURES**

|                               |                                     |
|-------------------------------|-------------------------------------|
| SUITABLE EXTINGUISHING MEDIA: | As appropriate to surrounding fire. |
| SPECIAL PROTECTIVE EQUIPMENT: | Full protective clothing.           |

**6.ACCIDENTAL RELEASE MEASURES**

|                            |   |
|----------------------------|---|
| PERSONAL PRECAUTIONS:      | Wear suitable protective clothing appropriate to the amount involved, which may include eye / face protection, PVC or synthetic rubber gloves, protective footwear, overalls. |
| ENVIRONMENTAL PRECAUTIONS: | Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the appropriate authority.  |
| CLEAN-UP PROCEDURES        | Absorb in dry sand or earth or similar absorbent and shovel into a suitable closed container for disposal according to item 13.   |

## 7. HANDLING AND STORAGE

### HANDLING PRECAUTIONS

Material should only be handled by trained personnel.  
Wear suitable protective clothing according to item 8.

### STORAGE INFORMATION

Protect from frost. Keep containers tightly closed in a cool place.  
Do not mix or store in galvanised or light metal containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



Wear goggles or face shield, PVC or synthetic rubber gloves, protective footwear, and overalls.  
It is advisable to wear a suitable head covering and to apply a barrier cream (water-resistant type).  
Wash before meals; shower or bathe after work. Do not smoke whilst handling the product.  
Do not wear contaminated clothing.

### EXPOSURE LIMITS

None assigned in EH40.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                                    |
|---------------------------------|------------------------------------|
| Appearance                      | Colourless liquid                  |
| Odour                           | None                               |
| pH                              | 14                                 |
| Boiling Point                   | Not Relevant                       |
| Melting Point                   | May crystallise at low temperature |
| Flash Point                     | None                               |
| Flammability / autoflammability | Not Relevant                       |
| Explosive properties            | Not Explosive                      |

|                       |                              |
|-----------------------|------------------------------|
| Oxidising Properties  | None                         |
| Vapour Pressure       | Not Relevant                 |
| Relative density      | 1.030 – 1.34 (15°C)          |
| Bulk density          | Not Relevant                 |
| Viscosity             | 12cS (25°C)                  |
| Solubility            | Miscible with water          |
| Partition Coefficient | No data                      |
| Other data            | Slowly attacks light metals. |

## 10. STABILITY/REACTIVITY

### STABILITY:

Stable.

### CONDITIONS TO AVOID:

No special requirements.

### MATERIALS TO AVOID:

Zinc, aluminium (slowly liberates hydrogen). Ammonium salts (ammonia). ACIDS

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: no data known.  
The high alkalinity of the preparation renders it corrosive. It causes severe burns.

Ingestion may cause nausea and extreme discomfort.

## 12. ECOLOGICAL INFORMATION

|                |   |
|----------------|---|
| MOBILITY:      | The water-miscibility of the product suggests that it is likely to leach from soil into groundwater. There is no available data on sorption/desorption. |
| DEGRADABILITY: | Biotic and abiotic degradation are likely to be slow. No data on persistence.   |
| ACCUMULATION:  | There is no evidence for bioaccumulation or biomagnification.   |
| ECOTOXICITY:   | No data.  |

## 13. DISPOSAL CONSIDERATIONS

|                        |  |
|------------------------|--|
| DISPOSAL OF PRODUCT:   | Chemical residues are normally regarded as Special Waste. Dispose of in accordance with local and national regulations.  |
| DISPOSAL OF PACKAGING: | Uncleaned packaging should be treated as for the product. If thoroughly rinsed, it may be treated as general waste for incineration or landfill, according to regulations. |

## 14. TRANSPORT INFORMATION

|                       |  |
|-----------------------|--|
| UN NO.                | 1814   |
| PROPER SHIPPING NAME  | Caustic Alkali Liquid, NOS. Contains Potassium methylsiliconate / Potassium hydroxide.               |
| EMERGENCY ACTION CODE | 2X   |
| ADR/RID               | Class 8. Item 42(b)  |
| IMCO                  | Class 8 IMDG Code page 8136<br>MFAG Table No. 705<br>EmS No. 8-06                                    |
| ICAO/IATO             | Class 8. Passenger aircraft: packing 809, max.1 litre nett. Cargo: packing 813, max. 30 litres nett. |
| PACKING GROUP         | 2  |
| LABEL                 | Corrosive  |



## 15. REGULATORY INFORMATION

CLASSIFICATION Corrosive (C)

LABEL INFORMATION

CONTAINS POTASSIUM HYDROXIDE.

R35: CAUSES SEVERE BURNS.

S1/2: KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.

S23: DO NOT BREATHE SPRAY.

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

S36/37/39: WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.



## 15. REGULATORY INFORMATION (Cont'd)

S45: IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL seek medical advice immediately (show the label where possible).

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

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## 16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

*Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.*