



**Corrosive**

**Triton Chemical Manufacturing Co. Ltd**

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TR219

**1. PRODUCT NAME: TRIJECT-RAPID DPC**

**2. 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          |

**3. HAZARD IDENTIFICATION**



**Corrosive**

Corrosive – causes severe burns

**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 and PVC or synthetic rubber gloves, protective footwear, overalls. |
|----------------------|--|

(Contd.)

## 6. ACCIDENTAL RELEASE MEASURES (contd.)

|                           |   |
|---------------------------|---|
| ENVIRONMENTAL PRECAUTIONS | Do not allow to enter public sewers and watercourses.<br>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.<br>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                  | Oxidising properties  | None                        |
| Odour                         | None                               | Vapour pressure       | Not relevant                |
| pH                            | 14                                 | Relative density      | 1.030 – 1.34 (15°C)         |
| Boiling point                 | Not Relevant                       | Bulk density          | Not relevant                |
| Melting point                 | May crystallise at low temperature | Viscosity             | 12cS (25°C)                 |
| Flash point                   | None                               | Solubility            | Miscible with water         |
| Flammability/autoflammability | Not Relevant                       | Partition coefficient | No data                     |
| Explosive properties          | Not explosive                      | 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 recycling, 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  
 MFAG Table No. 705  
 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.

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.*