



Corrosive

Triton Chemical Manufacturing Co. Ltd

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TR204

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1. PRODUCT NAME: TRIJECT 3

2. COMPOSITION

Hazardous ingredient	CAS No.	EC No.	Weight %	Symbols	Risk Phrases
Potassium methylsiliconate	031795-24-1		35	C, Corrosive	R35
Potassium hydroxide	001310-58-3	215-181-3	14	C, Corrosive	R35

3. HAZARD IDENTIFICATION



Corrosive

Corrosive – causes severe burns

4. FIRST AID

CONTACT WITH SKIN	Wash with plenty of soap and water.
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.
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(Contd.)

6.ACCIDENTAL RELEASE MEASURES (contd.)

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 12 - 13

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 1.24 (15°C)

Bulk density Not relevant

Viscosity 6-9cS (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).

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.	1719
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 LABEL	3 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).

S51: USE ONLY IN WELL VENTILATED AREAS.

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.

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.