

# EDTA DIPOTASSIUM



## General Specification

1	C.A.S No	25102-12-9
2	Chemical Formula	$C_{10}H_{14}N_2O_8K_2 \cdot 2H_2O$
3	Physical Appearance	Powder
4	Colour	White
5	Molecular Weight	404.47
6	Active Content	99.0% $\pm$ 1.0 %
7	Chelation Value	Minimum 242.3
8	pH in 5% Solution	4.0 to 6.0
9	Solubility	Soluble in Water

## Description

A high grade of EDTA Dipotassium salt is manufactured by Shiv Chem industries since 1987. We are leading manufacture and Exporter of EDTA Dipotassium salt. EDTA Dipotassium salt is a chelating agent or sequestering agent. EDTA Dipotassium salt is a white free flow powder. It is soluble in water. It is also known as EDTA dipotassium, dipotassium salt EDTA, Ethylene diamine tetra acetic acid dipotassium salt or  $K_2$  EDTA.

## Handling

EDTA Dipotassium salt causes serious irritant to eyes and skin. While handling this product, please wear goggles, gloves and safety shoes. Handle with care, no hooks allowed. In case of large spillage wash it with plenty of water. In case of injury to skin, wash it with water and then wash thoroughly with neutral soap and water. Regardless of the seriousness of the case, medical attention should be sought.

## Storages

EDTA Dipotassium salt is stored in a cool dry place. Ensure proper ventilation in storage area. Keep them away from heat sources, direct sun light and moisture. It is stored in container made of, or lined with polypropylene or high density polyethylene.

## Packing

EDTA Dipotassium salt is packed in 25 Kgs HDPE bag / Paper bag containing polyethylene liner inside, or as per customer's requirement.

## Applications

EDTA Dipotassium salt is used as micronutrient. It remove metal impurities from solutions. It is used in sequester metal ions such as calcium, magnesium, iron, and copper.

EDTA Dipotassium salt is used as anticoagulant in blood sample tubes, and as an antidote for metal poisoning.

EDTA Dipotassium salt is used as an antidote for metal poisoning, removing calcium and lead from the body.

EDTA Dipotassium salt also used as a T-cell resuspension buffer, to prevent bacteria from forming a biofilm.

EDTA Dipotassium salt is used in electroplating industries and to eliminate inhibition of enzyme catalysed reactions used in Metal treatment industries. It acts as an anticoagulant by binding calcium ions in the blood through EDTA.

EDTA Dipotassium is generally used in haematology tests in clinical chemistry laboratories.

EDTA Dipotassium is use in micronutrient and cosmetic Industries.



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