



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Section 1 - Chemical Product and Company Identification

MSDS Name:

EDTA titrant, 0.005M - 0.25M, 5%

Catalog Numbers:

Q00931, Q01931, Q03931, Q05831, Q07831, Q08831

Synonyms:

Ethylenediaminetetraacetic acid, disodium salt solution

Company Identification:

Qorpak
 1195 Washington Pike
 Bridgeville, PA 15017

Company Phone Number:

(412) 257-3100

Emergency Phone Number:

(800) 424-9300

CHEMTREC Phone Number:

(800) 424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
6381-92-6	Disodium dihydrogen ethylenediaminetetraacetate dihyd	0.19 - 5

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: Slight opalescent

Caution! May cause irritation.

Target Organs: none known.

Potential Health Effects

Eye:

Non-irritating to the eyes.

Skin:

Non-irritating to the skin.

Ingestion:

No hazard is expected during normal use.



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Inhalation:

No hazard expected during normal use.

Chronic:

No information found.

Section 4 - First Aid Measures

Eyes:

If irritation develops, get medical aid.

Skin:

Get medical aid if irritation develops or persists.

Ingestion:

Do NOT induce vomiting. Get medical aid.

Inhalation:

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

Note to Physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:

Negligible fire and explosion hazard when exposed to heat or flame.

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Autoignition Temperature:

No information found.

Flash Point:

No information found.

NFPA Rating:

CAS#7732-18-5: Not published.

CAS#6381-92-6: Not published.

Explosion Limits:

Lower: Upper:

Section 6 - Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill using an absorbent, non-combustible material such as earth, sand, diatomaceous earth, vermiculite, or other suitable absorbent.



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Section 7 - Handling and Storage

Handling:

Wash thoroughly after handling.

Storage:

Store capped at room temperature.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels.

Exposure Limits

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Disodium dihydrogen ethylenediamine tetraacetate dihydrate	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

OSHA Vacated PELs

Personal Protective Equipment

Eyes:

Wear safety glasses and chemical goggles if splashing is possible. Provide an eye-wash fountain in the immediate work area. Do not wear contact lenses when working with chemicals. Do not wear contact lenses when working with chemicals.

Skin:

Wear impervious gloves.

Clothing:

Protective coveralls are recommended.

Respirators:

Not required for normal use.

Section 9 - Physical and Chemical Properties

Physical State: Clear liquid

Color: Slight opalescent

Odor: Odorless

pH: No information found.

Vapor Pressure: 14 mmHg @ 20C

Vapor Density: 0.7

Evaporation Rate: < Ether

Viscosity: No information found.

Boiling Point: > 100°C (> 212.00°F)



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Freezing/Melting Point: <0°C (<32.00°F)
Decomposition Temperature: No information found.
Solubility in water: Soluble.
Specific Gravity/Density: 1
Molecular Formula: No information found.
Molecular Weight: No information found.

Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Temperatures above recommended temperatures.

Incompatibilities with Other Materials

Nonreported.

Hazardous Decomposition Products

Oxides of nitrogen, oxides of carbon, oxides of sodium.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

RTECS:

CAS#7732-18-5: ZC0110000.
CAS#6381-92-6: AH4410000.

LD50/LC50:

CAS#7732-18-5:
Oral, rat: LD50 => >90 mL/kg.
CAS#6381-92-6:
No information found.

Carcinogenicity:

CAS#7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.
CAS#6381-92-6: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:

disodium EDTA may cause skin, eye, and mucous membrane irritation. Defatting effect when applied to skin.
LD50: 2000 mg/Kg Oral-rat;
2300 mg/Kg Oral-rabbit;
56 mg/Kg IV-mouse.



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Teratogenicity:

Reproductive:

Mutagenicity

Neurotoxicity

Section 12 - Ecological Information

No information found.

Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

Section 14 - Transport Information

USDOT

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information

US Federal

TSCA

CAS# 7732-18-5 is listed on the TSCA Inventory.

CAS# 6381-92-6 is not on the TSCA Inventory, however, its anhydrous form is on the inventory and so this hydrate is exempt from TSCA inventory requirements (40 CFR 270.3(u)(2)).

SARA Reportable Quantities (RQ)

None of the components are on this list.

CERCLA/SARA Section 313

None of the components are on this list.

OSHA - Highly Hazardous

None of the components are on this list.

US State

State Right to Know

California Regulations

European/International Regulations

Canadian DSL/NDSL

CAS# 7732-18-5 is listed on Canada's DSL List.



Material Safety Data Sheet
EDTA titrant, 0.005M - 0.25M, 5%

Canada Ingredient Disclosure List

CAS#7732-18-5 is not listed on Canada's Ingredient Disclosure List.

CAS#6381-92-6 is not listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: November 8, 1997

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