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Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Name EDTA Tetrasodium Salt
Product Code(s) 0245
Recommended Use For Further Manufacturing Use Only
Not for Human or Animal Drug Use

Synonyms AQUAMOLINE BC * AQUAMOLLIN * CALSOL * CELON E * CELON H * CELON IS * CHEELOX BF * CHEELOX BF-12 * CHEELOX BF-13 * CHEELOX BF-78 * CHEELOXBR-33 * CHELON 100 * CHEMCOLOX 200 * CHEMCOLOX 240 POWDER * COMPLEXONE * CONIGON BC * DISTOL * DISTOL 8 * EDATHANIL TETRASODIUM * EDETATE SODIUM * EDETIC ACID TETRASODIUM SALT * EDTA TETRASODIUM SALT * ENDRATE TETRASODIUM * ERGON * ETHYLENEBIS(IMINODIACETIC ACID) TETRASODIUM SALT * N,N'-ETHYLENEDIAMINEDIACETIC ACID TETRASODIUM SALT * ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT * GLYCINE, N,N'-1, 2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, TETRASODIUM SALT (9CI) * HAMP-ENE 100 * HAMP-ENE 215 * HAMP-ENE 220 * HAMP-ENE NA4 * IRGALON * KALEX * KEMPLEX 100 * KOMPLEXON * METAQUEST C * NERVANAID B * NERVANAID BLIQUID * NERVANID B * NULLAPON * NULLAPON B * NULLAPON BF-12 * NULLAPON BF-78 * NULLAPON BFC * NULLAPON BFC XONC * NULLAPON BFC XONC BEADS * NULLAPON BFC LIQUID * PERMA KLEER 100 * PERMA KLEER 50 CRYSTALS * PERMA KLEER TETRA CP * QUESTEX * QUESTEX 4 * SEQUESTRENE * SEQUESTRENE 30A * SEQUESTRENE NA 4 * SEQUESTRENE ST * SODIUM EDETATE * SODIUM EDTA * SODIUM ETHYLENEDIAMINETETRAACETATE * SODIUM ETHYLENEDIAMINETETRAACETIC ACID * SODIUM SALT OF ETHYLENEDIAMINETETRAACETAT (CZECH) * TETRASODIUM EDETATE * TETRASODIUM EDTA * TETRASODIUM ETHYLENEDIAMINETETRAACETATE * TETRASODIUM ETHYLENEDIAMINETETRACETATE * TETRASODIUM (ETHYLENEDINITRILO)TETRAACETATE * TETRASODIUM SALT EDTA * TETRASODIUM SALT OF EDTA * TETRASODIUM SALT OF ETHYLENEDIAMINETETRACETIC ACID * TETRINE * TRILON B * TST * TYCLAROSOL * VERSENE * VERSENE 67 * VERSENE 100 * VERSENE220 * VERSENE BEADS * VERSENE FE 3 * VERSENE FLAKE * VERSENE POWDER * VERSENE POWDER TETRA SODIUM * WARKEELATE PS-42 * WARKEELATE PS-43 * WARKEELATE PS-47 * WARKEELATE S-42 *

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2. HAZARDS IDENTIFICATION

GHS - Classification

Classification Skin Irritant 2 Eye Irritant 2

Signal Word Warning



Hazard Statements H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation

Precautionary Statements P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC No.	REACH Reg. No.	CAS-No	Weight %	Classification
Ethylenediaminetetraacetate, tetrasodium	-	Not available	13235-36-4	95-100	-

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

Inhalation Move to fresh air. If breathing becomes difficult, give oxygen

Ingestion Clean mouth with water and afterwards drink plenty of water

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash Point	Not determined
Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam
Hazardous Combustion Products	Carbon oxides, Nitrogen oxides (NOx).
Explosion Data	
Sensitivity to Mechanical Impact	Not sensitive
Sensitivity to Static Discharge	Not sensitive
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation
Methods for Containment	Prevent further leakage or spillage if safe to do so
Methods for Cleaning Up	Avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place
Incompatible Products	Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylenediaminetetraacetate, tetrasodium 13235-36-4			

Engineering Measures	Showers Eyewash stations Ventilation systems
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin and Body Protection	Wear protective gloves/clothing
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White
Odor	No information available
Odor Threshold	No information available
Decomposition Temperature °C	No information available
Freezing Point	No information available
Initial Boiling Point	No information available
Physical State	Powder
pH	No data available
Flash Point	Not determined
Autoignition Temperature	No data available
Boiling Point/Range	No data available
Melting Point/Range	No data available
Flammability Limits in Air	Upper No data available Lower No data available
Explosive Properties	No information available
Oxidizing Properties	No information available
Evaporation Rate	No data available
MMHG @ 37.8 C	No data available
Vapor Density	No data available
Specific Gravity	No data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
Viscosity	No information available

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible Products	Strong oxidizing agents. Strong acids.
Conditions to Avoid	None known based on information supplied
Hazardous Decomposition Products	Carbon oxides. Nitrogen oxides (NOx).
Hazardous Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Causes skin, eye and respiratory tract irritation.

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of material in accordance with all federal, state, and local regulations

Contaminated Packaging Dispose of in accordance with all federal, state and local regulations

14. TRANSPORT INFORMATION

IATA Not regulated

DOT Not regulated

15. REGULATORY INFORMATION

REACH Title VII Restrictions No information available.

Chemical Name	Dangerous Substances	Organic Solvents	Harmful Substances Whose Names Are to be Indicated on the Label	Pollution Release and Transfer Registry (Class II):	Pollution Release and Transfer Registry (Class I):	Poison and Deleterious Substances Control Law:
Ethylenediaminetetraacetate, tetrasodium	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Component	ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying	ISHA - Harmful Substances Requiring Permission	Toxic Chemical Classification Listing (TCCL) - Toxic Chemicals	Toxic Release Inventory (TRI) - Group I	Toxic Release Inventory (TRI) - Group II
Ethylenediaminetetraacetate, tetrasodium 13235-36-4 (95-100)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

International Inventories

TSCA	Does not Comply
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Complies
KECL	Does not Comply
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

CERCLA

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

International Regulations

Mexico - Grade No information available.

Canada

WHMIS Hazard Class
D2B Toxic materials



16. OTHER INFORMATION

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Revision Note
No information available.

Recommended Restrictions No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS