



MEDIC

D-110

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name Medic – Integrated Disinfectant Cleaner & Deodorizer

Containers: QT, 5GLP

Updated Date January 20, 2020
Supersedes Date July 16, 2018

Company Encore Industrial Products
P.O. Box 300
Barker, TX 77413-0300

Transportation Emergency (24 Hour) Contact
North America: 1-877-703-3044 Ex. 405
CHEM TEL 800-255-3924

Phone Number (281) 944-4777
(877) 703-3044
Fax (281) 944-4778

Medical Emergencies:
Contact your local Poison Control Center.

Transportation
DOT: Not regulated
IATA: Not regulated
IMDG: Not regulated

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

Eye Irritant 2A: Causes serious eye irritation



Hazard Classification: Health Hazard **Signal Word(s):** Warning **Hazard Symbol(s):**

Hazard Statement: Causes serious eye irritation

Precautionary Statements: Wash hands thoroughly after handling
Wear eye protection, protective gloves

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200, WHMIS under the HPA (Canada), or ESIS (Europe).

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt %</u>	<u>GHS-US Classification</u>
tetrasodium ethylenediaminetetracetate	64-02-8	4 -5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Remaining ingredients are non-hazardous and/or present at amounts below reportable limits and considered confidential.

SECTION 7 – HANDLING AND STORAGE

- Precautions for safe handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
- Hygiene measures** : Wash hands thoroughly after handling.
- Storage conditions** : Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.
- Incompatible products** : Strong bases. Strong acids.
- Incompatible materials** : Sources of ignition. Direct sunlight.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION



- Personal protective equipment** : Gloves. Safety glasses.
- Hand protection** : Wear protective gloves.
- Eye protection** : Chemical goggles or safety glasses.
- Respiratory protection** : Wear appropriate mask.
- Other information** : Do not eat, drink or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color and Appearance	Clear, thin, liquid	VOC Content	Not Determined
Odor	Lemon	Boiling Point	Comp. to water
pH	N/D	Melting Point	Greater than 120° F
Specific Gravity	01.02	Vapor Density	Heavier than air
Flash Point	200°F	Solubility in Water	Complete

SECTION 10 – STABILITY AND REACTIVITY

- Chemical Stability** : Stable
- Conditions to Avoid** : Direct sunlight. Extremely high or low temperatures.
- Incompatible Materials** : Strong acids. Strong Bases
- Hazardous Decomposition Products** : Fume. Carbon Dioxide. Carbon Monoxide.
- Hazardous Polymerization** : Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)	
LD50 oral rat	> 2000 mg/kg (Rat)
ATE US (oral)	500.000 mg/kg bodyweight

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeat exposure) : Not classified
Aspiration hazard : Not classified

Potential adverse human health effects & symptoms: Based on available data, the classification criteria are not met.

Symptoms/injuries after eye contact : Causes serious eye damage.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity

EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)	
LC50 fish 1	121 mg/l (LC50; 96 h)
EC50 Daphnia 1	625 mg/l (EC50; 24 h)
Threshold limit algae 1	> 100 mg/l (EC0; 72 h)

Persistence & Degradability

MEDIC	
Persistence and degradability	Not established.
EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)	
Persistence and degradability	Not readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	< 0.002 g O ₂ /g substance
Chemical oxygen demand (COD)	0.54 - 0.58 g O ₂ /g substance

Bioaccumulative Potential

MEDIC	
Bioaccumulative potential	Not established.
EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)	
Log Pow	-2.6
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

<u>Shipment</u>	<u>Identification Number</u>	<u>Proper Shipping Name</u>	<u>Hazardous Classification</u>	<u>Packaging Group</u>
US DOT	None	None	None	None
IATA (air)	None	None	None	None
IMDG (vessel)	None	None	None	None

SECTION 15 – REGULATORY INFORMATION

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Canada This product is regulated as a Natural Health Product (NHP) under the Food and Drugs Act and complies with Health Canada regulations. All chemical components of this product are listed on DSL, NDSL, ICL or exempt.

Europe **EU Classification:** Not regulated
EU Risk Phrases: Not regulated
EU Safety Phrases: S2 – Keep out of reach of children.

SECTION 16 – OTHER INFORMATION

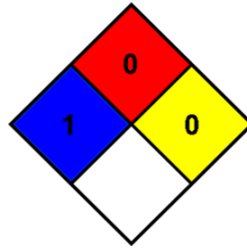
Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard: 0 - Materials that will not burn.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



- HEALTH:** 1 Slight Hazard - Irritation or minor reversible injury possible
- FLAMMABILITY:** 0 Minimal Hazard - Materials that will not burn
- PHYSICAL:** 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
- PERSONAL PROTECTION:** B - Safety glasses, Gloves

Legend

ACGIH	American Conference of Governmental Industrial Hygienists	ICL	In-Commerce List (<i>Canada</i>)
CAA	Clean Air Act	IMO	International Maritime Organization
CAS	Chemical Abstract Service	N/A	Not Applicable
CERCLA	CERCLA Hazardous Substances	NDSL	Non-Domestic Substances List (<i>Canada</i>)
CFR	Code of Federal Regulations	N/E	Not Established
DOT	Department of Transportation	NTP	National Toxicology Program
DSL	Domestic Substances List (<i>Canada</i>)	OSHA	Occupational Safety & Health Administration
EINECS	European Inventory of Existing Chemical Substances	PEL	Permissible Exposure Limits
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act
FDA	Food and Drug Administration	SARA	Superfund Amendments and Reauthorizations Act
HPA	Hazardous Products Act (<i>Canada</i>)	TLV	Threshold Limit Values
IARC	International Agency for Research on Cancer	TQ	Threshold Quantities
IATA	International Air Transport Association	TWA	Time Weighted Average
		VOC	Volatile Organic Compounds
		WHMIS	Workplace Hazardous Materials Information System

This document is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information set forth herein has been compiled from sources considered to be dependable and is believed to be accurate as of the date of publication. This information is offered in good faith by Encore Industrial and no warranty, expressed or implied is made. The user assumes all liability for any damage or injury resulting from misuse, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.