

864A Hardness Handler

Safety Data Sheet A864AXX-SIO100

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : 864A Hardness Handler
Product code : A864AXX-055-001

1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Sioux Corporation
One Sioux Plaza
Beresford, SD 57004 - USA
T 605-763-3333

1.4. Emergency telephone number

Emergency number : 605-763-3333

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Eye Irrit. 2A H319

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H319 - Causes serious eye irritation

Precautionary statements (GHS-US) :

P264 - Wash clothing, hands, forearms and face thoroughly after handling
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Poly(acrylic acid sodium salt)	(CAS No) 9003-04-7	1 - 3	Eye Irrit. 2A, H319
Tetrasodium Ethylenediaminetetraacetate	(CAS No) 64-02-8	1.48 - 1.56	Eye Dam. 1, H318

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Tetrasodium Ethylenediaminetetraacetate (64-02-8)

Not applicable

Poly(acrylic acid sodium salt) (9003-04-7)

Not applicable

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

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

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Colorless
Odor : characteristic
Odor threshold : No data available
pH : 6.8
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : Non flammable.
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Relative density : No data available
Specific gravity / density : 1.165
Solubility : No data available
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

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Tetrasodium Ethylenediaminetetraacetate (64-02-8)	
Chemical oxygen demand (COD)	0.54 - 0.58 g O ₂ /g substance

Poly(acrylic acid sodium salt) (9003-04-7)	
Persistence and degradability	Not readily biodegradable in water.

12.3. Bioaccumulative potential

864A Hardness Handler	
Bioaccumulative potential	Not established.

Tetrasodium Ethylenediaminetetraacetate (64-02-8)	
Log Pow	-2.6
Bioaccumulative potential	Bioaccumulation: not applicable.

Poly(acrylic acid sodium salt) (9003-04-7)	
Bioaccumulative potential	Low potential for bioaccumulation (molecular mass >=700 g/mol).

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Department of Transportation (DOT)

In accordance with DOT

Other information : No supplementary information available.

TDG

Transport by sea

Air transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Tetrasodium Ethylenediaminetetraacetate (64-02-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Poly(acrylic acid sodium salt) (9003-04-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. International regulations

CANADA

No additional information available