

SAFETY DATA SHEET

SDS 0262

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	8-Way	HMIS CODES	Health 3 Flammability 0 Reactivity 1 PPI D
PRODUCT CODES	68712, 68714, 68716		
CHEMICAL FAMILY	Inorganic Base		
USE	Boiler Water Treatment		
MANUFACTURER'S NAME	The RectorSeal Corporation 2601 Spenwick Drive Houston, Texas 77055 USA	EMERGENCY TELEPHONE NO.	Chemtrec 24 Hours (800)424-9300 USA (703)527-3887 International
DATE OF VALIDATION	January 23, 2015	TECHNICAL SERVICE TELEPHONE NO.	(800)231-3345 or (713)263-8001
DATE OF PREPARATION	October 10, 2012		

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 Section 2 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

OSHA Hazards

Corrosive

GHS CLASSIFICATION

Skin corrosion (Category 1A)

Serious eye damage (Category 1)

Acute aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements

Pictogram: Corrosive

Signal Word: Danger

Hazard statement(s)

H314 - Causes severe skin burns and eye damage.

H402 - Harmful to aquatic life.

Precautionary statement(s)

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/ physician.

SUMMARY OF ACUTE HAZARDS

Exposure to human tissue will result in irritation and chemical burns.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Extremely corrosive to respiratory system.

EYE CONTACT

Corrosive, contact causes severe eye burns.

SKIN CONTACT

Corrosive to skin.

INGESTION

Poison! Swallowing large quantities can cause death and burns to digestive system.

SUMMARY OF CHRONIC HAZARDS

Exposure to human tissue will result in irritation and chemical burns.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin or persons with chemical sensitivity may have increased susceptibility to excessive exposures.

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Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Phosphate
PERCENTAGE BY WEIGHT: 4.87
CAS NUMBER: 68915-31-1
EC# : 272-808-3

INGREDIENT: Sodium Hydroxide
PERCENTAGE BY WEIGHT: 15
CAS NUMBER: 1310-73-2
EC# : 215-185-5

INGREDIENT: Sodium Nitrite
PERCENTAGE BY WEIGHT: 6.78
CAS NUMBER: 1312-76-1
EC# : 215-199-1
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Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on SKIN: Flush with large amounts of water. If irritation or burns occur, seek immediate medical attention.
If in EYES: Flush with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.
If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
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Section 5 -- FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use agents suitable for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10). Dike area as run-off may create additional environmental contamination

UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition forms toxic fumes of sodium oxide. Flammable gas may be produced on contact with metals.
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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep people away. Wear chemical protective clothing. Stop discharge if possible. Isolate and remove discharged material. Flush and clean area with water.
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Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. Store only in polyethylene or glass containers. DO NOT USE METAL CONTAINERS.

OTHER PRECAUTIONS: Do not permit workers to handle without proper training or proper protective equipment. Store in well-sealed containers, which are protected from physical damage. Empty containers may contain residues; treat as if full and observe all product precautions. Do not reuse container. KEEP OUT OF REACH OF CHILDREN.
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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

Oral-Rabbit, adult LD50: 3053 mg/kg
 Inhalation-Rat LC50: N/D
 Sodium Hydroxide
 Oral-Rabbit, adult LDLo: 500 mg/kg
 Inhalation-Rat LC50: N/D
 Sodium Nitrite
 Oral-Rabbit, adult LD50: 85 mg/kg
 Inhalation-Rat LC50: 5500 mg/m3

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 Section 12 -- Ecological Information
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 ECOLOGICAL DATA

 Ingredient Name

Sodium Phosphate		
Food Chain Concentration Potential		N/D
WATERFOWL TOXICITY		N/D
BOD		N/D
AQUATIC TOXICITY		N/D
Sodium Hydroxide		
Food Chain Concentration Potential		None
WATERFOWL TOXICITY		N/D
BOD		None
AQUATIC TOXICITY	125 ppm/96 hr/mosquito fish/TLm	
Sodium Nitrite		
Food Chain Concentration Potential		None
WATERFOWL TOXICITY		N/A
BOD		N/A
AQUATIC TOXICITY	17.1 ppm/24 hr/minnow	

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 Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Corrosive(D002)
 Disposal Method: Neutralization
 RCRA classified hazardous waste. Dispose of absorbed materials and liquid waste in accordance with all local, state and federal regulations.

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 Section 14 -- TRANSPORTATION INFORMATION

DOT: UN3266, Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide & sodium nitrite), Class 8, PG III, ERG#154
 Gallons and less: Consumer Commodity, ORM-D
 OCEAN (IMDG): Gallons and less: UN3266, Corrosive liquid, basic, inorganic, n.o.s. sodium hydroxide & sodium nitrite), Class 8, PG III, Limited Quantity or (LTD-QTY)
 EMS-No: F-A, S-B
 AIR (IATA): UN3266, Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide & sodium nitrite), Class 8, PG III, ERG#154

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 Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

 Ingredient Name

Sodium Phosphate		
SARA 313		No
TSCA Inventory		Yes
CERCLA RQ		N/A
RCRA Code		N/A
Sodium Hydroxide		
SARA 313		No
TSCA Inventory		Yes
CERCLA RQ		1000 lb.
RCRA Code		N/A
Sodium Nitrite		

SARA 313	Yes
TSCA Inventory	Yes
CERCLA RQ	100 lb.
RCRA Code	N/A

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001