



MSDS G32

Effective Date:
11-APRIL-2007

This Material Safety Data Sheet applies to the following Baldwin Filters Part Numbers:

BW5200

BW5201

I. Identification

Emergency Only Telephone: (800) 424-9300 Inside the US, Canada and the U.S.
Virgin Islands
(703) 527-3887 Outside the US (collect calls accepted)

Information Telephone: (800) 822-5394

DOT Hazard: Not Regulated
UN/NA Number: NA
DOT Emergency Response Guide: NA
DOT Hazard Description: Not Regulated

II. Hazardous Ingredients

<u>Material</u>	<u>TLV (Units)</u>	<u>CAS #</u>
Silicic Acid, Disodium Salt (Sodium Metasilicate)	ND	6834-92-0
Boric Acid, Disodium Salt, Pentahydrate	1mg/m ³	12179-04-3
Sodium Nitrite	ND	7632-00-0
Sodium Nitrate	ND	7631-99-4
Sodium Metaborate Dihydrate	ND	16800-11-6
2-Mercaptobenzothiazole	ND	149-30-4

III. Physical Data

Density: 55.000 lb/cu.
Freeze Point: NA
Viscosity (cps 70F, 21C): NA
Vapor Pressure (mmHg): < 0.1
Vapor Density (air = 1): < 1.00
Solubility in Water: ~ 10.0%
pH (1.0% soln): ~ 10.5
Flash Point P-M (CC): > 200F > 93C
Evaporation Rate (ether = 1): < 1.00
Physical State: Pellet
Odor: Slight
Appearance: White to Yellow

IV. Fire and Explosion Hazard Data

Flash Point (Test Method): > 200F > 93C P-M (CC)
Extinguishing Media: Flood with water. Use of CO₂ or foam may not be effective.
Special Firefighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type)
Miscellaneous: NA

V. Reactivity Data

Stability: Stable under normal storage conditions.
Incompatibility (materials to avoid): May react with organics or reducing agents.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Thermal decomposition (destructive fires) yields elemental oxides.

VI. Health Hazard Data

Ingredients Listed as Carcinogenic in NTP, IARC or OSHA (specify): None

Acute Effects of Overexposure

Eye Contact: Severe irritant to the eyes. May cause tearing.
Skin Contact: May cause slight irritation to the skin. Potential skin sensitizer.
Inhalation: Primary route of exposure; Dusts cause irritation to the upper respiratory tract.
Ingestion: Toxic; May cause gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea.

Emergency and First Aid Procedures

Eyes: Flush at once with plenty of cool water for 15 minutes. Contact a physician.
Skin: Remove any contaminated clothing. Flush affected area with plenty of water for 15 minutes. If irritation develops, consult a physician.
Inhalation: Move victim to fresh air. If symptoms persist, consult a physician.
Ingestion: Do not feed anything by mouth to an unconscious or convulsive victim. Dilute contents of stomach. Induce vomiting by one of the standard methods. Immediately contact a physician.

VII. Spill or Leak Procedures

Protection and

Spill Containment: Ventilate area. Use specified protective equipment. Contain and absorb on absorbant material. Place in waste disposal container. Flush area with water. Spread sand/grit.

Waste Disposal

Method: Water contaminated with this product may be sent to a sewer treatment facility, in accordance with federal, state and local guidelines. Product as is — incinerate or land dispose in approved landfill.

VIII. Special Protection Information

Ventilation

Requirements: Adequate ventilation to maintain air contaminants below exposure limits.

Recommended Personal Protective Equipment

Respiratory: A respiratory protection program that meets OSHA's 29CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use air purifying respirators within use limitations associated with the equipment or else use supplied air-respirators. If air-purifying respirator use is appropriate, use a respirator with dust/mist filters.

Eyes: Chemical splash goggles.

Gloves: Neoprene gloves — wash off after each use. Replace as necessary.

IX. Handling and Storage

Handling: Avoid all contact with reducing agents, oils, greases, organics and acids.

Storage: Keep containers closed when not in use. Keep dry.

X. Toxicological Information

Oral LD50 Rat: ~ 260 mg/kg (estimated value)
Dermal LD50 Rabbit: > 2,000 mg/kg (estimated value)

XI. Regulatory Information

TSCA: All components of this product are listed in the TSCA inventory.

CERLA and/or SARA REPORTABLE QUANTITY (RQ): 224 pounds due to Sodium Nitrite

SARA SECTION 312 HAZARD CLASS: Immediate (acute); Delayed (chronic); Fire

SARA SECTION 302 CHEMICALS: No regulated constituent present at OSHA thresholds

SARA SECTION 313 CHEMICALS:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>RANGE</u>
7632-00-0	Sodium Nitrite	41.0 - 50.0%
7631-99-4	Sodium Nitrate	6.0 - 10.0%
149-30-4	2-Mercaptobenzothiazole	11.0 - 15.0%

CALIFORNIA REGULATORY INFORMATION:

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65) CHEMICALS PRESENT: No regulated constituent present at OSHA thresholds.

MICHIGAN REGULATORY INFORMATION: No regulated constituent present at OSHA thresholds.

XII. NFPA / HMIS

Health	2	Moderate Hazard
Fire	1	Slight Hazard
Reactivity	1	Minimal Hazard
Special	OX	Oxidizer
Protective Equipment ⁽¹⁾	B	Goggles, Gloves

⁽¹⁾ refer to section VIII of MSDS for additional protective equipment recommendations.

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