

G50 – BW5070, BW5071, BW5072, BW5073, BW5074, BW5075, BW5076, BW5082, BW5086, BK6028, BK6043, BK6045, BK6048, BK6052, BK6375, BK6380, BK6426, BK6444, BK6451, BK6452, BK6463, BK6579, BK6634, BK6953, BK6984

Safety Data Sheet

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

Date of issue: 08/27/20 Revision date: 08/18/20 Supersedes: 08/08/2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : BTA PLUS Solid

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

Use of the substance/mixture : Supplemental Coolant Additive

1.3. Details of the supplier of the safety data sheet

Baldwin Filters 4400 E Highway 30 Kearney, NE 68847 - US T 800-822-5394

baldwin.info@parker.com - www.baldwinfilter.com

1.4. Emergency telephone number

Emergency number : 800-424-9300 Inside the U.S., Canada and the U.S. Virgin Islands

703-527-3887 Outside the U.S. (Collect calls accepted.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute Tox. 4 (Oral) H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Resp. Sens. 1 H334 Skin Sens. 1 H317 Aquatic Acute 2 H401

Full text of H statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)







GHS05

GHS07 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : May form combustible dust concentrations in air

H302 - Harmful if swallowed H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H318 - Causes serious eye damage

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H401 - Toxic to aquatic life

Precautionary statements (GHS-US) : P261 - Avoid breathing dust.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P273 - Avoid release to the environment.

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

P284 - [In case of inadequate ventilation] wear respiratory protection.

P301+P312 - If swallowed: Call a doctor if you feel unwell. P302+P352 - If on skin: Wash with plenty of soap and water.

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P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep 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.

P310 - Immediately call a doctor.

P330 - Rinse mouth.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER, a doctor.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

5.542% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

54.54% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

35.04% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Tetrapotassium Pyrophosphate	(CAS No) 7320-34-5	10 - 30	Eye Irrit. 2A, H319
Sodium Nitrite	(CAS No) 7632-00-0	10 - 30	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2A, H319 Aquatic Acute 1, H400
Sodium Nitrate	(CAS No) 7631-99-4	10 - 30	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
Disodium Trioxosilicate	(CAS No) 6834-92-0	5 - 10	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335
Tolyltriazole	(CAS No) 29385-43-1	5 - 10	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Aquatic Acute 1, H402 Aquatic Chronic 3, H412
Maleic Anhydride	(CAS No) 108-31-6	< 1	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Acute 3, H402

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1.	Description of first aid	

First-aid measures general : If you feel unwell, seek medical advice. Call a poison center/doctor/physician if you feel unwell.

Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: call a poison center or a doctor. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

First-aid measures after skin contact : Wash skin with soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : If you feel unwell, seek medical advice.

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

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Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. Causes skin irritation.

Symptoms/effects after eye contact : Serious eye damage to eyes. Causes serious eye damage.

Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent firefighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment,

including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust. Evacuate

unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to

Section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimize

generation of dust. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust. 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 : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be

allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep only in the original container in a cool, well-ventilated

place. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

BTA PLUS Solid			
ACGIH	Not applicable		
OSHA	Not applicable		
Tetrapotassium Pyrophosph	ate Anhydrous (7320-34-5)		
ACGIH	Not applicable		
OSHA	Not applicable		
Sodium Nitrite (7632-00-0)			
ACGIH	Not applicable		
OSHA	Not applicable		
Sodium Nitrate (7631-99-4)			
ACGIH	Not applicable	Not applicable	
OSHA	Not applicable		
Disodium Trioxosilicate (683	Disodium Trioxosilicate (6834-92-0)		
ACGIH	H Not applicable		
OSHA	Not applicable		
Tolyltriazole (29385-43-1)			
ACGIH	Not applicable		
OSHA	Not applicable		
Maleic Anhydride (108-31-6)			
ACGIH	ACGIH TWA (mg/m³)	0.01 mg/m³ (inhalable fraction and vapor)	
OSHA	OSHA PEL (TWA) (mg/m³)	1 mg/m³	
OSHA	OSHA PEL (TWA) (ppm) 0.25 ppm		

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Protective Gloves. Wear protective gloves. Eye protection : Chemical goggles or safety glasses. Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated

exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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 : Solid
Color : White
Odor : Not available
Odor threshold : No data available

pH : 10 - 11 at 5% dilution
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : Not applicable
Boiling point : No data available
Flash point : No data available
Flash point : Not applicable
Auto-ignition temperature : Not applicable

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: No data available Decomposition temperature Flammability (solid, gas) No data available Vapor pressure No data available Relative vapor density at 20 °C No data available Relative density Not applicable Solubility Water: 100 % Partition coefficient n-octanol/water (Log Pow) : No data available Partition coefficient n-octanol/water (Log Kow) No data available Viscosity, kinematic : Not applicable Viscosity, dynamic : No data available Explosive properties No data available No data available Oxidizing properties **Explosive limits** Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

This product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see Section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

BTA PLUS Solid		
ATE US (oral)	388.227 mg/kg body weight	
Tetrapotassium Pyrophosphate (7320-34-5)		
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat (mg/l)	> 1.100 mg/l	
Sodium Nitrite (7632-00-0)		
LD50 oral rat	85 mg/kg	
LC50 inhalation rat (mg/l)	5.5 mg/l/4h	
ATE US (oral)	85.000 mg/kg body weight	
ATE US (vapors)	5.500 mg/l/4h	
ATE US (dust,mist)	5.500 mg/l/4h	
Sodium Nitrate (7631-99-4)		
LD50 oral rat	1267 mg/kg	
ATE US (oral)	1267.000 mg/kg body weight	
Disodium Trioxosilicate (6834-92-0)		
LD50 oral rat	1153 mg/kg	
ATE US (oral)	1153.000 mg/kg body weight	

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Tolyltriazole (29385-43-1)	
LD50 oral rat	675 mg/kg
LD50 dermal rabbit	> 4000 mg/kg
LC50 inhalation rat (mg/l)	> 1.73 mg/l/1h (Exposure Time: 1 h)
ATE US (oral)	675.000 mg/kg bodyweight
Maleic Anhydride (108-31-6)	
LD50 oral rat	235 mg/kg
LD50 dermal rabbit	2620 mg/kg
LC50 inhalation rat (mg/l)	0.16 mg/l/4h
ATE US (oral)	235.000 mg/kg bodyweight
ATE US (dermal)	2620.000 mg/kg bodyweight
ATE US (vapors)	0.160 mg/l/4h
ATE US (dust,mist)	0.160 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation. pH: 10 - 11 at 5% dilution
Serious eye damage/irritation	: Causes serious eye damage. pH: 10 - 11 at 5% dilution
Respiratory or skin sensitization	 May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
spiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed.
symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic sk reaction.
ymptoms/effects after skin contact	: CIrritation. May cause an allergic reaction. Causes skin irritation.
Timple me, emote after offin contact	Cariava damaga ta ayaa Cayaaa aariaya aya damaga

Symptoms/effects after eye contact

: Serious damage to eyes. Causes serious eye damage.

Symptoms/effects after ingestion

: Swallowing a small quantity of this material will result in serious health hazard.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life.

Tetrapotassium Pyrophosphate (7320-34-5)		
LC50 fish 1	> 100 mg/l	
EC50 Daphnia 1	> 100 mg/l	
NOEC chronic fish	100 mg/l	
NOEC chronic algae	> 100 mg/l	
Sodium Nitrite (7632-00-0)		
LC50 fish 1	0.19 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])	
LC50 fish 2	0.092 - 0.13 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])	
Sodium Nitrate (7631-99-4)		
LC50 fish 1	2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
LC50 fish 2	994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
Disodium Trioxosilicate (6834-92-0)		
LC50 fish 1	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])	
LC50 fish 2	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)	
Tolyltriazole (29385-43-1)		
LC50 fish 1	65 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)	
EC50 Daphnia 1	35.4 mg/l (Exposure time: 48 h - Species: Daphnia Magnia)	
ErC50 (algae)	62 mg/l (Exposure time: 72 h - Species: Scenedesmus subspicatus)	
Maleic Anhydride (108-31-6)		
LC50 fish 1	75 mg/l	
NOEC chronic algae	150 mg/l	

12.2. Persistence and degradability

BTA PLUS Solid	
Persistence and degradability Not established.	
Tetrapotassium Pyrophosphate (7320-34-5)	
Persistence and degradability Not established.	

12.3. Bioaccumulative potential

BTA PLUS Solid	
Bioaccumulative potential	Not established.
Tetrapotassium Pyrophosphate (7320-34-5)	
Bioaccumulative potential	Not established.
Sodium Nitrite (7632-00-0)	
Log Pow	-3.7 (at 25 °C)
Sodium Nitrate (7631-99-4)	
Log Pow	-3.8 (at 25 °C)
Maleic Anhydride (108-31-6)	
BCF fish 1	(hydrolysis)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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

Other information : Avoid release to the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste Treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging 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

UN-No. (DOT) : UN3077

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Environmentally hazardous substances, solid, n.o.s.

(Sodium Nitrite)

RQ of 500 lb due to Sodium Nitrite

14.3. Transport hazard class(es)

Class (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)

Hazard labels (DOT)



14.4. Packing group

Packing group (DOT) : III

14.5. Environmental hazards

Marine pollutant (DOT) : No

SECTION 15: Regulatory information

15.1. US Federal regulations

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

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Sodium Nitrite	CAS No 7632-00-0	10 - 30%
Maleic Anhydride	CAS No 108-31-6	< 1%
Ethylene oxide	CAS No 75-21-8	< 1%
Ethylene Dichloride	CAS No 107-06-2	< 1%

Laryiono Biomorido		0,10,110,101,00,0	. , •	
Sodium Nitrite (7632-00-0)				
Subject to reporting requirements of United States SARA Section 313				
EPA TSCA Regulatory Flag	S - S - indicates	a substance that is identified in a f	inal Significant New Use Rule.	
CERCLA RQ	100 lb			
SARA Section 313 - Emission Reporting	1.0 %			
Tolyltriazole (29385-43-1)	Tolyltriazole (29385-43-1)			
EPA TSCA Regulatory Flag	TP - TP - indicates a substance that is the subject of a proposed TSCA Section 4 test rule.			
Methyl-oxirane polymer with oxirane (9003-11-6)				
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule. (40 CFR 711)			
Maleic Anhydride (108-31-6)				
Subject to reporting requirements of United States SARA Section 313				
CERCLA RQ	5000 lb			
SARA Section 313 - Emission Reporting	1.0 %			

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Polyethylene Glycol (25322-68-3)		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule. (40 CFR 711)	
Ethylene oxide (75-21-8)		
Listed on the United States SARA Section 302 Subject to reporting requirements of United States	tes SARA Section 313	
CERCLA RQ	10 lb	
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb	
SARA Section 313 - Emission Reporting	0.1 %	
1,2-dichloroethane (107-06-2)		
Subject to reporting requirements of United States SARA Section 313		
CERCLA RQ	100 lb	
SARA Section 313 - Emission Reporting	0.1 %	

15.2. International regulations

CANADA

Sodium Nitrite (7632-00-0)		
Listed on the Canadian DSL (Domestic Substances List)		
Sodium Nitrate (7631-99-4)		
Listed on the Canadian DSL (Domestic Substance	es List)	
WHMIS Classification	Class C - Oxidizing Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects	
Disodium Trioxosilicate (6834-92-0)		
Listed on the Canadian DSL (Domestic Substance	es List)	
WHMIS Classification	Class E - Corrosive Material	
Tolyltriazole (29385-43-1)		
Listed on the Canadian DSL (Domestic Substances List)		
Maleic Anhydride (108-31-6)		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material	

15.3. US State regulations

This product can expose you to Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ethylene oxide (75-21-8	3)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	Yes	Yes	Yes	2 μg/day
1,2-dichloroethane (107	7-06-2)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	No	No	No	10 μg/day

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SECTION 16: Other information

Full text of H-phrases:

H272	May intensify fire; oxidizer
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard : 2 - Materials that, under emergency conditions, can

cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions,

Including intrinsically noncombustible materials such as

concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even

under fire conditions.

NFPA specific hazard : NA - Not Applicable

Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury mayoccur

Flammability : 0 Minimal Hazard Physical : 0 Minimal Hazard

Personal protection : C

Baldwin Filters SDS

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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