

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : BW5250

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
info@baldwinfilter.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
Resp. Sens 1 H334
Skin Sens. 1 H317
Repr. 1b H360
Aquatic Acute 2 H401

Full text of H-phrases: see section 16

2.2. Label elements**GHS-US labeling**

Hazard pictograms (GHS-US) : GHS07 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H302 – Harmful if swallowed
H317 – May cause an allergic skin reaction
H334 – May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H360 – May damage fertility or the unborn child
H401 – Toxic to aquatic life

Precautionary statements (GHS-US) : P201 – Obtain special instructions before use
P202 – Do not handle until all safety precaution have been read and understood
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
P304+P341 – If inhaled: if breathing is difficult, remove person to fresh air and keep comfortable for breathing
P308+P313 – If exposed or concerned: Get medical advice/attention
P330 - Rinse mouth
P333+P313 – If skin irritation or rash occurs: Get medical advice/attention

G42

Safety Data Sheet

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

P342+P311 – If experiencing respiratory symptoms: Call a doctor
P363 – Wash contaminated clothing before reuse
P405 – Store locked up
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)

16.28% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
52.13% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
48.90% 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 Anhydrous | 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 | 5 - 10 | 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 3, H402 Aquatic Chronic 3, H412 |
| Disodium Tetraborate, Anhydrous | CAS No. 1330-43-4 | 1 - 5 | Eye Irrit. 2A, H319 Repr. 1B, H360 |
| 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 measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. |
| First-aid measures after inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. |
| 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 | : May damage fertility or the unborn child. |
| Symptoms/effects after inhalation | : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : Swallowing a small quantity of this material will result in serious health hazard. |

G42

Safety Data Sheet

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

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : 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

General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

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 : Avoid dust formation. 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. Avoid breathing dust. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations. Provide local exhaust or general room ventilation.

Storage conditions : Protect from moisture. 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 : Direct sunlight.

7.3. Specific end use(s)

No additional information available

G42

Safety Data Sheet

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| BW5202 | |
|--------|----------------|
| ACGIH | Not applicable |
| OSHA | Not applicable |

| Maleic Anhydride (108-31-6) | | |
|-----------------------------|-------------------------------------|---|
| ACGIH | ACGIH TWA (mg/m ³) | 0.01 mg/m ³ (inhalable fraction and vapor) |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 1 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 0.25 ppm |

| Sodium Nitrite (7632-00-0) | |
|----------------------------|----------------|
| ACGIH | Not applicable |
| OSHA | Not applicable |

| Tetrapotassium Pyrophosphate Anhydrous (7320-34-5) | |
|--|----------------|
| ACGIH | Not applicable |
| OSHA | Not applicable |

| Disodium Tetraborate, Anhydrous (1330-43-4) | | |
|---|---------------------------------|--|
| ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (inhalable particulate matter) |
| ACGIH | ACGIH STEL (mg/m ³) | 6 mg/m ³ (inhalable particulate matter) |
| OSHA | Not applicable | |

| Tolyltriazole (29385-43-1) | |
|----------------------------|----------------|
| ACGIH | Not applicable |
| OSHA | Not applicable |

| Disodium Trioxosilicate (6834-92-0) | |
|-------------------------------------|----------------|
| ACGIH | Not applicable |
| OSHA | Not applicable |

| Sodium Nitrate (7631-99-4) | |
|----------------------------|----------------|
| ACGIH | Not applicable |
| OSHA | 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 | : 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. |

G42

Safety Data Sheet

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Solid |
| Color | : Blue |
| Odor | : Odorless |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : Water: 100 % tablet; coating insoluble |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : 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

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Moisture. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity : Oral: Harmful if swallowed.

| BW5250 | |
|---------------|---------------------------|
| ATE US (oral) | 524.370 mg/kg body weight |

| 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 body weight |
| ATE US (dermal) | 2620.000 mg/kg body weight |
| ATE US (vapors) | 0.160 mg/l/4h |
| ATE US (dust, mist) | 0.160 mg/l/4h |

| 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 |

| Tetrapotassium Pyrophosphate Anhydrous (7320-34-5) | |
|---|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 1.1 mg/l |

| Disodium Tetraborate, Anhydrous (1330-43-4) | |
|--|---|
| LD50 oral rat | 2660 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 2 mg/m ³ (Exposure time: 4h) |
| ATE US (oral) | 2660.000 mg/kg body weight |

| 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 (Exposure time: 1h) |
| ATE US (oral) | 675.000 mg/kg body weight |

| Disodium Trioxosilicate (6834-92-0) | |
|--|----------------------------|
| LD50 oral rat | 1153 mg/kg |
| ATE US (oral) | 1153.000 mg/kg body weight |

| Sodium Nitrate (7631-99-4) | |
|-----------------------------------|----------------------------|
| LD50 oral rat | 1267 mg/kg |
| ATE US (oral) | 1267.000 mg/kg body weight |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an 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 : May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

G42

Safety Data Sheet

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

| | |
|---|--|
| Potential adverse human health effects and symptoms | : Harmful if swallowed. |
| Symptoms/effects after inhalation | : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : Swallowing a small quantity of this material will result in serious health hazard. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life.

| Maleic Anhydride (108-31-6) | |
|------------------------------------|----------|
| LC50 fish 1 | 75 mg/l |
| NOEC chronic algae | 150 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]) |

| Tetrapotassium Pyrophosphate Anhydrous (7320-34-5) | |
|---|---|
| LC50 fish 1 | > 100 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
| EC50 Daphnia 1 | > 100 mg/l (Exposure time: 48 h - Species: water flea) |

| Disodium Tetraborate, Anhydrous (1330-43-4) | |
|--|---|
| LC50 fish 1 | 340 mg/l (Exposure time: 96 h - Species: Limanda limanda) |
| EC50 Daphnia 1 | 1085 - 1402 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

| Tolytriazole (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 magna) |
| ErC50 (algae) | 62 mg/l (Exposure time: 72h - Species: Scenedesmus subspicatus) |

| 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) |

| 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]) |

12.2. Persistence and degradability

| BW5250 | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| BW5250 | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

| Maleic Anhydride (108-31-6) | |
|------------------------------------|--------------|
| BCF fish 1 | (hydrolysis) |

| Sodium Nitrite (7632-00-0) | |
|-----------------------------------|-----------------|
| Log Pow | -3.7 (at 25 °C) |

| Disodium Tetraborate, Anhydrous (1330-43-4) | |
|--|----------------------------------|
| BCF fish 1 | (no evidence of bioaccumulation) |

| Sodium Nitrate (7631-99-4) | |
|-----------------------------------|-----------------|
| Log Pow | -3.8 (at 25 °C) |

G42

Safety Data Sheet

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

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.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

UN-No. (IMDG) : 3077

UN-No. (IATA) : 3077

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Environmentally hazardous substances, solid, n.o.s.
(Sodium Nitrite)
RQ of 883 lb

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Sodium Nitrite)

Proper Shipping Name (IATA) : Environmentally hazardous substances, solid, n.o.s.
(Sodium Nitrite)

14.3. Transport hazard class(es)

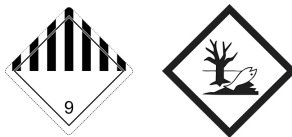
Class DOT : 9 - Class 9 (Miscellaneous dangerous materials)

Hazard labels (DOT) : 9



Transport hazard class(es) (IMDG) : 9

Hazard labels (IMDG) : 9



Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9



G42

Safety Data Sheet

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

14.4. Packing group

| | |
|----------------------|-------|
| Packing group (DOT) | : III |
| Packing group (IMDG) | : III |
| Packing group (IATA) | : III |

14.5. Environmental hazards

| | |
|-------------------------------|------------------|
| Marine pollutant (DOT) | : No |
| Marine pollutant (IMDG) | : Yes |
| Marine pollutant (IATA) | : Yes |
| Marine pollutant component(s) | : Sodium Nitrite |

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.

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

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). |
|--------------------------|---|

Polydimethylsiloxane (63148-62-9)

| | |
|--------------------------|---|
| 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% |

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). |
|--------------------------|---|

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 final Significant New Use Rule. |
| CERCLA RQ | 100 lb. |
| SARA Section 313 - Emission Reporting | 1.0% |

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.. |
|--------------------------|--|

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% |

Ethylene oxide (75-21-8)

Listed on the United States SARA Section 302

Subject to reporting requirements of United States SARA Section 313

| | |
|--|----------|
| CERCLA RQ | 10 lb. |
| SARA Section 302 Threshold Planning Quantity (TPQ) | 1000 lb. |
| SARA Section 313 - Emission Reporting | 0.1% |

G42

Safety Data Sheet

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

CAN

15.2. International regulations

| 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 |

| Sodium Nitrite (7632-00-0) |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| Tetrapotassium Pyrophosphate Anhydrous (7320-34-5) | |
|---|---|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

| Disodium Tetraborate, Anhydrous (1330-43-4) | |
|---|--|
| Listed on the Canadian DSL (Domestic Substances List) | |

| Tolyltriazole (29385-43-1) | |
|---|--|
| Listed on the Canadian DSL (Domestic Substances List) | |

| Disodium Trioxosilicate (6834-92-0) | |
|---|------------------------------|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class E - Corrosive Material |

| Sodium Nitrate (7631-99-4) | |
|---|---|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class C - Oxidizing Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive harm.

| 1,2-dichloroethane (107-06-2) | | | | |
|---|---|---|---|-----------------------------------|
| 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 | No significance risk level (NSRL) |
| Yes | No | No | No | 10 µg/day |

| Ethylene oxide (75-21-8) | | | | |
|---|---|---|---|-----------------------------------|
| 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 | No significance risk level (NSRL) |
| Yes | Yes | Yes | Yes | 2 µg/day |

G42

Safety Data Sheet

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

SECTION 16: Other information

Indication of changes : Modified. Hazards identification. Composition/Information on ingredients. First aid measures. Handling and storage. Exposure controls/personal protection. Stability and reactivity. Toxicological information. Ecological information. Disposal considerations. Transport information.

Revision date : 12/13/2018

Other information : None.

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 |
| H317 | May cause an allergic skin reaction |
| 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 |
| H360 | May damage fertility or the unborn child |
| 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 may occur

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal protection : I

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.