

# SAFETY DATA SHEET

## BWT-12 P

### 1. Product and Manufacturer Identification

**Product Name:** BWT-12 P

**Manufacturer:** Apollo Technologies, Inc.  
31441 Santa Margarita Parkway, Suite A-219  
Rancho Santa Margarita, Ca. 92688

For more information call: (949) 888-0573

**In case of emergency call:**  
(24 hours per day, 7 days per week)  
Chem-Tel (800) 255-3924  
Contract # MIS0000451

### 2. Hazards Identification



Signal word: Caution

Hazard statement(s)

H302 Harmful if swallowed

H319 Causes serious eye irritation

H315 Causes skin irritation

H412 Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment

Precautionary statement(s)

P102 Keep out of the reach of children

P234 Keep in original container

P305+P351+P338 IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing

P301+330+331+315 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Get immediate medical attention.

ROUTES OF EXPOSURE: Dermal, oral

Potential Health Hazards

**Skin:** Dust may cause skin irritation after prolonged contact. Mist and solutions will cause skin irritation.

**Eyes:** Dust may irritate or burn the eyes. Mist or solutions will cause irritation or burns to the eyes.

**Inhalation:** May cause irritation to the respiratory tract.

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**Ingestion:** May irritate the gastrointestinal tract. May cause a severe allergic reaction in some asthmatics. A large dose may cause violent diarrhea and colic, CNS depression, circulatory disturbances and death.

**Delayed Effects:** Sodium Sulfite is not considered a mutagenic threat to humans. No ingredients are listed on the NTP, IARC or OSHA carcinogen lists.

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**3. Composition- Ingredients**

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**INGREDIENT NAME**

**CAS NUMBER**

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**Sodium Sulfite**

**7757-83-7**

The remainder of the ingredients in this mixture is a proprietary blend. Specific chemical identities will be disclosed to competent medical personnel upon request. This is in the event of an actual medical emergency. The specific chemical concentrations of all the ingredients are considered a trade secret.

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**4. First Aid Measures**

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**Skin:** Immediately wash skin with soap and water. Remove contaminated clothing and wash in an industrial laundry before reusing. Get medical attention if the irritation persists. Bring this SDS to the health care provider.

**Eyes:** Flush eyes immediately with water for at least 15 minutes. Hold the lids back and allow water to thoroughly irrigate the eye. Seek prompt medical attention.

**Inhalation:** Remove to fresh air. Seek prompt medical attention if signs of suffocation, irritation or anaphylactic shock occur.

**Ingestion:** If the person is conscious, give plenty of milk or water and induce vomiting if possible. Get immediate medical attention.

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**5. Fire Fighting Measures**

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**Flammable Properties**

**Flash Point:** Not Flammable

**Auto ignition temperature** Not Applicable

**Extinguishing Media:**

Material is not flammable. Use extinguishing media appropriate for surrounding fire.

**Unusual Fire and Explosion Hazards:** None

**Special Fire Fighting Measures:** Wear NIOSH approved breathing apparatus. Use water spray to keep containers cool.

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### 6. Accidental Release Measures

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**In case of spill or other material release: Promptly sweep up while minimizing dusting. Wear appropriate personal protective equipment. Provide adequate ventilation to clear Sulfur Dioxide fumes which may be generated.**

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### 7. Handling and Storage

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**Normal Handling: Avoid contact with eyes, skin and clothing. Do not breathe dust. Minimize dusting while handling. Do not eat or drink in the material handling and storage area. Practice good personal hygiene and housekeeping.**

**Storage Recommendations: Store in a cool, dry, well ventilated area away from acids and oxidizers. Keep container closed when not in use.**

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### 8. Exposure Controls/ Personal Protective Equipment

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**Engineering Controls: Use local exhaust if dusty conditions exist or during a release of Sulfur Dioxide gas. Do not handle within an unventilated space.**

#### Personal Protective Equipment

**Skin Protection: To handle dry material, wear a class D work uniform including cotton gloves, long sleeve shirt and trousers. When handling solutions or during prolonged handling of powder, wear Nitrile rubber gloves and a rubber apron or other impervious clothing.**

**Eye Protection: Wear a head covering and chemical safety goggles. Do not wear contact lenses or impact resistant safety glasses.**

**Respiratory Protection: Use a NIOSH approved respirator for dusts and mists. Wear a respirator approved for use with Sulfur Dioxide gas in the event of a release. A self contained or supplied air respirator may be required.**

**An eye wash and safety shower is required.**

**Exposure Guidelines:**

<u>Ingredient</u>	<u>ACGIH STEL</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
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No exposure limits have been established for this material or its ingredients.

Exposure Limit for hazardous decomposition products:

Sulfur Dioxide-	5 ppm	2 ppm	5 ppm
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### 9. Physical and Chemical Properties

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<b>Appearance:</b>	White crystals or powder
<b>Physical State:</b>	Solid
<b>Odor:</b>	Odorless
<b>Specific Gravity:</b>	2.63 (water = 1)
<b>Solubility in Water:</b>	17% at 50F, 28% at 92F
<b>pH:</b>	1% solution = 9.8
<b>Melting Point:</b>	Decomposes at 1652F
<b>VOC content</b>	0%

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### 10. Stability and Reactivity

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Normally Stable. Avoid high temperatures (decomposes at 1652 F); yields Sulfur Dioxide gas.

**Incompatibilities:** Strong Oxidizers and acids. Causes vigorous exothermic reactions and acids release Sulfur Dioxide gas.

**Hazardous Decomposition Products:** Sulfur Dioxide gas and Sodium Sulfide residue.

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### 11. Toxicology Information

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**Acute (Immediate) Effects:**  
Sodium Sulfite –LD 50 (oral, mouse) – 820 mg/kg

**Delayed Effects:**  
Sodium Sulfite is not considered to be a mutagen in multi cell organisms (including man)

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**12. Ecological Information**

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N/A

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**13. Disposal Considerations**

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**RCRA: This material is not a listed hazardous waste. Dispose of in accordance with federal, state and local regulations. Do not neutralize for disposal or send to sewer.**

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**14. Transport Information**

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**US DOT: Not regulated**

**Proper Shipping Name: Not applicable. No warning label required.**

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**15. Regulatory Information**

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**Toxic Substances Control Act**

**TSCA: All components are listed on the TSCA Inventory of Chemical Substances**

**SARA Title III/CERCLA**

**There are no reportable quantities (RQ's) or Threshold Planning Quantities (TPQ's) for any of the ingredients.**

**Section 311 Hazard Class: Immediate (Irritant)**

**State Right to Know Lists**

**No other substances are present in addition to the ingredients listed in section 2.**

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**16. Other Information**

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**NFPA= Health -1    Fire -0    Reactivity- 0**

**Current Issue Date: June 11, 2012**

**Revision Date: June 11, 2014 unless otherwise noted**