

11 Mai 2012

3- Pages



Anglais

MATERIAL SAFETY DATA SHEET

SMBS  
CN405-000000XX  
PAGE 1 OF 3  
CODE # 9086

SECTION I PRODUCT INFORMATION

PRODUCT IDENTIFIER : SODIUM METABISULFITE FCC/PHOTO  
CHEMICAL NAME AND SYNONYMS : Sodium bisulfite  
IDENTIFICATION NUMBER : Not regulated  
PRODUCT USE : Antioxidant, bleaching, disinfectant

SUPPLIER : Amplex Chemical Products Ltd.  
ADDRESS : 600 Delmar Avenue  
Pointe-Claire, QC  
H9R 4A8  
TELEPHONE : (514) 630-3309

EMERGENCY: Newalta Industrial Services Inc.  
24H NUMBER : 1-800-567-7455

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CONC.	CAS NUMBER	LD50(rat-oral)	LC50(rat-ihl)
Sodium metabisulfite	90 - 100%	7681-57-4	1131 mg/kg	Not available

SECTION III WHMIS CLASSIFICATION



CLASS D2A

SECTION IV PHYSICAL DATA

PHYSICAL STATE	Solid	pH (water=7)	4.0 - 4.8 (5% solution)
ODOUR AND APPEARANCE	Slight sulfurous odour, white crystalline	SPECIFIC GRAVITY (water=1)	1.4 - 1.5
ODOUR THRESHOLD	Not available	VAPOUR DENSITY	Not applicable
BOILING POINT	Decomposes above 150°C	VAPOUR PRESSURE	Not applicable
MELTING POINT	Not available	EVAPORATION RATE	Not applicable
COEFFICIENT OF WATER/OIL DISTRIBUTION	Not available		

SECTION V FIRE OR EXPLOSION

CONDITION OF FLAMMABILITY: Not flammable.

MEANS OF EXTINCTION: Use dry chemicals, carbon dioxide, foam or water spray. Wear a NIOSH approved self contained breathing apparatus and full protective clothing including face and eye protection if this product is exposed to fire. Use water to cool materials exposed to fire.

MATERIAL SAFETY DATA SHEET

FLASH POINT	Not applicable	AUTO-IGNITION TEMPERATURE	Not available
UPPER FLAMMABLE LIMIT	Not applicable	MECHANICAL IMPACT SENSITIVITY	Not available
LOWER FLAMMABLE LIMIT	Not applicable	STATIC DISCHARGE SENSITIVITY	Not available

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of sulfur and sodium (toxic and corrosive), sodium sulfide ( flammable, irritant, incompatible with acids)

**SECTION VI REACTIVITY DATA**

**CHEMICAL INSTABILITY CONDITIONS:** Stable.

**INCOMPATIBLE SUBSTANCES AND CONDITIONS OF REACTIVITY:** Incompatible with oxidizers (cause exothermic reaction); acids, water or ice (yield sulfur dioxide gas); metals; sodium nitrite. Avoid moisture and contact to air.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of sulfur and sodium (toxic and corrosive), sodium sulfide ( flammable, irritant, incompatible with acids)

**SECTION VII TOXICOLOGICAL PROPERTIES**

**SKIN CONTACT/ABSORPTION:** May cause irritation. Contact with solution will irritate.

**EYE CONTACT:** Causes severe irritation. Solutions will burn eyes. May cause permanent damage.

**INHALATION:** Contact with acids, water and/or ice releases sulfur dioxide gas which may be harmful or deadly if inhaled. Material is irritating to mucous membranes and upper respiratory tract. May cause severe allergic reactions in some asthmatics and sulfite sensitive individuals.

**INGESTION:** Cause gastrointestinal irritation: Nausea, vomiting. Very large doses cause violent colic, diarrhea, depression and death. May cause severe allergic reactions in some asthmatics and sulfite sensitive individuals.

**ACUTE/CHRONIC EXPOSURE EFFECTS:** See above.

EXPOSURE LIMIT	5 mg/m <sup>3</sup>	SHORT TERM EXPOSURE LIMIT	Not available
CARCINOGENICITY	Not available	SENSITIZATION TO PRODUCT	Not available
TERATOGENICITY	Not available	MUTAGENICITY	Not available
SYNERGISTIC PRODUCTS	Not available	REPRODUCTIVE TOXICITY	Not available
IRRITANCY OF PRODUCT	Yes		

**SECTION VIII PREVENTIVE MEASURES**

**PROTECTIVE GLOVES:** Wear rubber or polyethylene gloves.

**EYE PROTECTION:** Wear chemical safety glasses.

**RESPIRATORY PROTECTION:** In dusty atmosphere, use a NIOSH-approved dust respirator. If TVL is exceeded, or if sulfur dioxide should be released, wear a self-contained breathing apparatus.

**OTHER PROTECTIVE EQUIPMENT:** Wear protective clothing to avoid contact with skin. Make eye bath and emergency shower available in the work area.

**ENGINEERING CONTROLS:** Local exhaust ventilation is recommended.

**PROCEDURES TO BE FOLLOWED IN CASE OF SPILL OR LEAK:** Sweep up or shovel material into waste container. Avoid generation

of excessive dust. Do not empty into drains.

**WASTE DISPOSAL:** Dispose of in accordance with federal, provincial and municipal regulations.

**HANDLING AND STORAGE PROCEDURES:** Avoid contact with eyes, skin, clothing. Avoid breathing dust or mist. Keep away from incompatibles. Use good personal hygiene and housekeeping. Store in a cool, dry, well ventilated area. Store in tightly sealed container and protect from moisture to avoid tendency of product to cake.

**SPECIAL SHIPPING INFORMATION:**

Shipping Name: Not regulated  
Class/Division : Not regulated

---

---

**SECTION IX FIRST AID MEASURES**

---

---

**SKIN:** Promptly wash with plenty of soap and water for at least 15 minutes. Contact a physician if irritation develops.

**EYES:** Immediately flush with plenty of water, for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

**INHALATION:** Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

**INGESTION:** If conscious, give plenty of water or milk and induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

---

---

**SECTION X PREPARATION INFORMATION**

---

---

PREPARED BY : Amplex Chemical Products Ltd.  
TELEPHONE : (514) 630-3309  
DATE : March 16<sup>th</sup>, 2011

---

---

**IMPORTANT:** The information presented herein is believed to be accurate and is offered only as a guide. Users should make their own tests to determine the suitability of these products for their own particular purposes. Users assume all risk of use, storage and handling of the product. No warranty, express or implied, is made including, but not limited to, implied warranties of merchantability and fitness for a particular purpose. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe any patents.