

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard.
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupation Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)		Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.	
SODIUM BISULFITE ANHYDROUS Powder			
Section I			
Manufacturer's Name		Emergency Telephone Number	
King Lee Technologies		1-800-424-9300 (Chemtrec)	
Address (Number, Street, City, State and ZIP Code)		Telephone Number for Information	
8949 Kenamar Drive Bldg. 107		(858) 693-4062	
San Diego, CA 92121		Date Prepared	
		September 1, 2011	
		Signature of Preparer (Optional)	

Section II - Hazardous Ingredients/Identity Information

Other Limits

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)
Sodium Metabisulfite (Cas. No. 7681-57-4) Na ₂ S ₂ O ₅				

OSHA-PEL, ACGIH-TLV and NIOSH-REL: TWA=5mg/m³

Section III - Physical/Chemical Characteristics Powder (NA= Not Applicable)

Boiling Point	NA	Specific Gravity (H ₂ O=1)	1.48
Vapor Pressure (mm Hg.) (at 20 ^o C)	NA	Melting Point	>150 ^o C (dec.)
Vapor Density (AIR= 1)	NA	Evaporation Rate (Butyl Acetate= 1)	NA

Solubility in Water
 39% at 16^oC

Appearance and Odor
 Colorless powder with sulfur dioxide odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	(Flammable Limits)	LEL	LEL
Not Flammable.	Not Flammable.	NA	NA

Extinguishing Media
 No Restrictions.

Special Fire Fighting Procedures
 Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards
 None known.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Avoid moisture and acids.
	Stable	X	

Incompatibility (*Materials to Avoid*)

Incompatible with acids, causing evolution of gaseous sulfur dioxide.

Hazardous Decomposition or Byproducts

Sulfur dioxide gas.

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
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Health Hazards (*Acute and Chronic*) Eye Contact: May cause burns.

Skin Contact: Prolonged contact may cause irritation. Ingestion: May cause gastrointestinal irritation, colic and diarrhea. Inhalation: May cause irritation of airways.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Signs and Symptoms of Exposure

Irritation and burning of eyes, skin, digestive or respiratory tract.

Medical Conditions

Generally Aggravated by Exposure Asthma, Exposed wounds.

Emergency and First Aid Procedures

Eyes and skin - flush eyes with excess water for at least 15 minutes. Wash from skin with soap and water.

Inhaled - Remove subject to fresh air. Ingestion- rinse mouth and throat. Drink water or milk. In all cases, call or see a physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Sweep up spilled material. Flush ground or surfaces with water.

Waste Disposal Method

Follow normal chemical waste disposal procedure either as a powder or dissolve in water and dispose as a liquid.

Precautions to Be Taken in Handling and Storing

Store in cool, dry location away from acids.

Other Precautions

Avoid dust and contact. Wear protective equipment if possible.

Section VIII - Control Measures

Respiratory Protection (*Specific Type*)

Use NIOSH approved respirator if conditions warrant.

Ventilation	Local Exhaust (Under Normal use) Use in well ventilated area.	Special
	Mechanical (<i>General</i>) NA	Other NA

Protective Gloves

Water impenetrable gloves that can be washed

Eye Protection

Chemical safety goggles recommendable

Other Protective Clothing or Equipment

Work overalls would prevent contamination of street clothes.

Work/Hygienic Practices

Wash gloves and hands before touching anything else.

Section IX - Transportation Information

DOT Hazardous Classification -

Not considered hazardous by the U.S. Department of Transportation (DOT)

TDG Canadian Transportation -

Not considered hazardous under Transportation of Dangerous Goods (TDG)

International Transportation -

Products has no UN number, and is not regulated under international rail, road, water or air transport regulations.
