

The Butler Corporation

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HAZARD RATING HMIS

Health = 2, Flammability = 0, Reactivity = 1
 (Index: 4 = very high, 3 = high, 2 = moderate
 1 = slight, 0 = insignificant)

Material Safety Data Sheet**I. General Information**

Trade Name & Synonym Coffee & Tea Stain Remover	Chemical Family Bisulfites	
Chemical Name & Synonym Mixture	Date prepared Jan 1996	Prepared by Aziz Ullah Ph.D.

II. Ingredients

sodium bisulfite anhydrous

III Physical Properties

Boiling Point N/A	Specific Gravity(Water=1) 1.48
Vapor Pressure(mm Hg.) ND	Melting Point decomposes
Vapor Density(AIR=1) >1	Evaporation Rate (Butyl Acetate=1) >1
Solubility in Water Soluble	Appearance and odor white powder/pungent odor
pH 1% solution 3.4-4.5	

IV. Fire and Explosion Hazard Data

Flash Point (TOC) ND	Flammable Limits ND	LEL ND	UEL ND
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Extinguishing MediaFoam, CO₂, Dry Chemical, Water Fog**Special Fire Fighting Procedures**

Usual Fire fighting procedures can be used

Unusual Fire and Explosion Hazards

None Known

V. Reactivity Data

Stability	Unstable X	Conditions to avoid High temperatures
	Stable	

Incompatibility (Materials to avoid)

oxidizing agents

Hazard Decomposition or Byproducts

Sulfur Dioxide

Hazardous	May occur	Conditions to avoid
Polymerization	Will not occur X	

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VI. Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
	Yes	No	Yes	Yes

Health Hazards

Irritating to eyes nose and throat. Some Asthmatics may show hypersensitivity and should be excluded from exposure

Signs and Symptoms of Exposure

Irritation discomfort

Medical Conditions Aggravated by Exposure

Asthma

Emergency and First Aid Procedures

Move to fresh air . If contacted flush Thoroughly with water If irritation persists see physician if ingested drink milk or water see physician

VII. Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flush with water, (Non-Hazardous waste)

Waste Disposal Method

Check with federal state or local regulations, waste may be discharged into sanitary sewer as non -hazardous waste if regulations permit

Precautions to be taken in Handling and Storing

Store in a cool place. Avoid breathing vapor keep away from eyes and repeated or prolonged contact with skin

Other Precautions

NA

VIII. Control Measures

Respiratory Protection

Ventilation

Ventilation

Provide ventilation

Local Exhaust

Mechanical

X

Special

Other

Protective Gloves

For repeated contact impermeable gloves suggested

Eye Protection

Monogoggles suggested

Other Protective Clothing or Equipment

Avoid breathing vapor TLV/TWA(ACGIH) 5ppm

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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