

1. Product and Manufacturer Identification

Product Name: **Sodium Bisulfite**
 Product Use: Professional neutralization of cellulosic browning in carpets
 Manufacturer: Racine Industries, Inc. EU Contact: Host UK Ltd t/a Host von Schrader
 1405 16th Street Unit 8 Parkway Business Centre
 Racine, WI 53403 USA Sixth Avenue, Zone 2 Deeside Industrial Park
 Tel: 1-262-637-4491; Deeside, CH5 2LD
 1-800-558-9439 Tel – 01244-289256 (8-5 GMT)
 (8am-4:30pm CST) Email – info@hostvs.co.uk Web - www.hostvonschrader.co.uk
 Emergency contact after hours: Marc @ 1-815-382-8238 / msiwek@hostdry.com
 or Greg @ 1-262-681-7431



2. Composition/ Information On Hazardous Ingredients

Ingredient Name	CAS/EC #	Weight %	Risk Class (see Section 16)
Sodium metabisulfite	7681-57-4 / 231-673-0	100%	Xn, R22, 31, 41

3. Hazard Identification

Emergency Overview: Irritant via inhalation, or skin and eye contact of powder or solution. May cause severe and possibly fatal allergic reactions in “sulfite sensitive” individuals.

Potential Hazards:

SKIN: Repeated or prolonged contact with dust may cause irritation. Contact with solutions will cause irritation.  

EYES: Dust or mist may irritate or burn the eyes. Solutions will irritate or burn.

INHALATION: Inhalation of dust or mist can irritate the respiratory tract. Contact with acids, water and/ or ice, releases sulfur dioxide gas, which may be harmful, or deadly if inhaled. May cause severe or deadly allergic reactions in some asthmatics and “sulfite sensitive” individuals. Possible signs of allergic reactions include broncho constriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure and even death.

INGESTION: May irritate the gastrointestinal tract. May cause severe or deadly allergic reactions in some asthmatics and “sulfite sensitive” individuals. Very large doses may cause violent colic, diarrhea, depression and even death.

ENVIRONMENT: Avoid release directly into environment. Sodium metabisulfite breaks down to sodium sulfate, which is not harmful.

4. First Aid Measures

SKIN: Rinse with plenty of running water. Get medical attention if irritation persists

EYES: Rinse with running water for at least 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. Get medical attention if signs of suffocation, irritation or other symptoms develop.

INGESTION: If conscious, drink plenty of water or milk and induce vomiting by touching finger to the back of the throat. Get medical attention. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measure

Flammable Properties: Not flammable.

Flash point: Not flammable.

Extinguishing Media: Use extinguishing media appropriate for material in surrounding fire.

Unusual Fire And Explosion Hazards: Releases toxic and irritating sulfur dioxide at fire temperatures.

Special Fire Fighting Procedures: Wear NIOSH-approved self-contained breathing apparatus.

6. Accidental Release Measures

Spill And Leak Procedures: Sweep up material with minimum dusting and shovel into an empty container with a cover. Cautiously spray residue with plenty of water. Provide ventilation to clear sulfur dioxide fumes which may be generated by contact with water. (See section 8 for recommended personal protection equipment.)

7. Handling And Storage

Handling Procedures: Avoid contact with eyes and skin. Do not breathe dust. Use adequate ventilation when applying product.

Storage Procedures: Store in a cool, dry, well-ventilated area away from water, ice, acids, heat and oxidizing agents. Releases sulfur dioxide gas slowly at ambient temperatures.

8. Exposure Controls/ Personal Protection

Exposure Guidelines

Ingredient name	ACGIH TLV	OSHA PEL	WEL (UK)	I/BOELV (EU)
Sodium bisulfite	5 mg/m ³ / 8hr TWA	5 mg/m ³ /8hr TWA	Not Listed	Not Listed
Sulfur dioxide	2 ppm TWA 5ppm/STEL	5 ppm	Not Listed	Not Listed

Engineering Controls: Local exhaust if dusty conditions exist or if there is a release of sulfur dioxide. Do not use in unventilated spaces.

Personal Protective Equipment:

Skin Protection: For handling dry material, wear cotton gloves and full work clothing, including long sleeved shirt and trousers. When handling solutions and there is prolonged or repeated contact, wear impervious gloves, clothing and boots.

Eye Protection: Wear chemical safety goggles. Do not wear contacts.

Respiratory Protection: Where required, use a NIOSH-approved respirator for dust, mist and/ or sulfur dioxide gas as conditions indicate.

Additional Recommendations: No special recommendations under normal use conditions.

9. Physical And Chemical Properties

Appearance: Fine, white granular solid
 Odor: Pungent sulfur dioxide odor
 pH: 1% solution-4.3
 Specific Gravity: 1.48
 Water Solubility: Complete
 % VOC's: 0

10. Stability and Reactivity

Chemical Stability: Normally stable. Temperatures above 150°C cause rapid evolution of toxic and corrosive sulfur dioxide gas.
 Incompatibility: Oxidizers: may cause strong exothermic reactions.
 Acids water and ice: releases sulfur dioxide gas, which is toxic, corrosive, and potentially deadly.
 Hazardous Decomposition: Sulfur dioxide and sodium sulfide residue. Sodium sulfide is flammable, a dangerous fire risk, a strong irritant to skin and tissue, and is incompatible with acids.
 Hazardous Polymerization: Will not occur

11. Toxicological Information

Immediate (Acute) Effects: Product is an eye irritant.
 Sodium metabisulfite-LD₅₀(oral, rat)= 424 - 2000 mg/ kg
 Delayed (Sub chronic And Chronic) Effects: Allergic reactions in "sulfite sensitive" individuals, not classified as carcinogenic (NTP, IARC, OSHA)

12. Ecological Information

Ecotoxicological Information: Sodium metabisulfite: TLm for mosquito fish; 2600 ppm/24hr, rainbow trout LC50 = 100-200 mg/L/96,
 Environmental Fate: Inorganic: BOD 0.12lb/lb, COD 165mgO₂/g, breaks down to sodium sulfate

13. Disposal Considerations

This material is not a hazardous waste defined by the U.S. Resource, Conservation and Recovery Act (RCRA), 40 CFR 261; however, only dispose of in accordance with applicable Federal, State and Local regulations.

14. Transportation Information

<u>Shipping Classification:</u>	DOT and TDG	UN/NA	Hazard Class
Proper Shipping Name:	ORM-D (Consumer Commodity)	Not Hazardous	Not Hazardous

15. Regulatory Information

<u>Inventory Status of Ingredients</u>					
USA (TSCA)	Listed	Korea (ECL)	Listed	Japan (ENCS)	Listed
Canada (DSL)	Listed	Philippines (PICCS)	Listed	China (EICS)	Listed
Europe (EINECS/ ELINCS)	Listed	Australia (AICS)	Listed	WGK (Water Damage/Protection)	1

Additional Information

WHMIS Classification: D2B
 SARA Title III: Not applicable
 CERCLA Reportable Quantities: Not applicable
 California Proposition 65: This product is not subject to the reporting requirements.
 State Right-To-Know: None outside of section 2

16. Other Information

HAZARD RATING	HMIS	NFPA
Health	2	2
Flammability	0	0
Physical Hazard	1	1
PPE	H	

This is a commercial cleaning and deodorizing chemical for use by professionals.

EU Classification (per CHIP schedule 3): Xn Harmful

Risk Phrases: R22 Harmful if swallowed.
 R41 Risk of serious damage to eyes.
 R31 Contact with acids liberates toxic gas, sulfur dioxide.

Safety Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39 Wear eye/face protection.
 S46 If swallowed, seek medical advice immediately, and show this container or label.

Von Schrader Company (VS) furnishes the data contained here in good faith at customer's request without liability or legal responsibility for same what so ever and no warranty or guarantee, expressed or implied, is made with respect to such data nor does VS grant permission, recommendation or inducement to infringe any patent whether owned by VS or others. The data is offered solely for your information and consideration. Since conditions of use are beyond Von Schrader's control, user assumes all responsibility and risk.