

SAFETY DATA SHEET

Section 1: Identification



Product identifier used on the label:

Product Name: Westco ZBS

Other means of identification:

Product Description: Identified uses: lubricant stuffing, flame retardants and AC foaming agent, Activator could evidently improve product performance.

Synonyms: Substance Name: Benzenesulfinic Acid Zinc Salt (BM/ZBS)

Recommended use of the chemical and restrictions on use:

Product use/Restriction: lubricant stuffing, flame retardants and AC foaming agent, Activator could evidently improve product performance.

Chemical distributor, or other responsible party. Name, address and telephone number:

Distributor Name: Western Reserve Chemical Corporation

Address: 4837 Darrow Road
Stow, OH 44224
USA

General Phone Number: 330-650-2244

General Fax Number: 330-650-2255

Emergency Phone Number:

Emergency Phone Number: Chemtrec 1-800-424-9300 USA

Website: www.wrchem.com

Section 2: Hazard(s) Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f)

GHS Pictograms:



Signal Word: WARNING!

GHS Class: * Skin Sensitizer, Category 1.
* Eye Irritant, Category 2.
* Respiratory tract irritant.

Hazard Statement: * May cause skin irritation.
* May cause respiratory irritation.
* May cause eye irritation.

Precautionary Statements: Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use personal protective equipment as required.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Eye: Causes eye irritation. May cause chemical conjunctivitis.

Skin: Causes skin irritation.

Inhalation: Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The Toxicological properties of this substance have not been fully investigated.

Chronic: Effects may be delayed.

Section 3: Composition/ Information on Ingredients

| Chemical Name | Synonym | CAS# | Conc. |
|--------------------------------|----------|------------|-------|
| Benzenesulfinic acid zinc salt | BM / ZBS | 24308-84-7 | >98% |

Section 4: First-Aid Measures

Description of necessary measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin Contact: Get medical aid. Flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2–4 cupful's of milk or water. Wash mouth out with water.

Notes to Physician:

Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical form.

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Unsuitable extinguishing media: No data.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: Use proper personal protective equipment as indicated in Section 8.

Environmental precautions:

Environmental Precautions: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7: Handling and Storage

Precautions for safe handling:

Handling: Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Use with adequate ventilation. Wash clothing before reuse. Avoid breathing dust.

Conditions for safe storage, including any incompatibilities:

Storage: Store in a cool, dry place. Store in a tightly closed container.

Specific end use(s):

Work Practices: Safety showers and eye wash stations should be available.

Section 8: Exposure Controls/Personal Protection

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 24308-84-+7:

Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin Protection Description: Wear appropriate protective gloves to prevent skin exposure.

Clothing Protection: Wear appropriate protective clothing to prevent skin exposure.

Respiratory Protections Follow the OSHA respirator regulations found in 29 CFR 1910 or European Standard EN 149. Use a NIOSH/MSHA or European EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

PPE Pictograms:

Section 9: Physical and Chemical Properties

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Appearance: White powder

Odor: Not available

PH: Not available

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting point: 215-221 °C

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits, lower: Not available

Explosion Limits, upper: Not available

Decomposition Temperature: Not available

Specific Gravity/Density: Not available

Molecular Formula: $\text{Zn}(\text{C}_6\text{H}_5\text{O}_2\text{S})_2 \cdot 2\text{H}_2\text{O}$

Molecular Weight: 383.8

Section 10: Stability and Reactivity

Chemical Stability:

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid:

Conditions to Avoid: Dust generation.

Incompatibilities with Other Materials:

Incompatibilities with Other Materials: Acids, bases, reducing agents, strong oxidizing agents.

Hazardous Decomposition Products:

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen bromide

Hazardous Polymerization:

Hazardous Polymerization: Has not been reported.

Section 11: Toxicological Information

Toxicological Information:

RTECS#: CAS# 24308-84-7 unlisted.

LD50/LC50: Not available.

Carcinogenicity: Benzenesulfinic acid zinc salt
Not listed by ACGIH, IARC OR NTP.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity:

Ecotoxicity: Not available.

Section 13: Disposal Considerations (non-mandatory)

Description of Waste:

Waste Disposal: Dispose of in a manner consistent with federal, state and local regulations.

Section 14: Transport Information (non-mandatory)

DOT Shipping Name: Not available.

IATA Shipping Name: Not available.

IMDG Shipping Name: Not available.

Section 15: Regulatory Information (non-mandatory)

Safety, health and environmental regulations specific for the product:

European/International Regulations European Labeling in Accordance with EC Directives Hazard

Symbols: XI Risk

Phrases: R 36/37/38 Irritating to eye, respiratory system and skin.

Safety Phrases: S 26 in case of contact with eyes, rinse immediately with plenty of water
And seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.
WGK (Water Danger/Protection)

CAS# 24308-84-7: No information available.

Canada: None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 24308-84-7 is not listed on Canada's Ingredient Disclosure List.
US FEDERAL TSCA CAS# 24308-84-7 is not listed on the TSCZ inventory.

It is for research and development use only.

Section 16: Other Information

SDS Revision Date: January 13, 2020

Notes: Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application

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