
Material Safety Data Sheets

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Section 1 – Product Information

Alumisol Heat Stabilizer

Common Chemical Name: Barium-Zinc-Phosphite-ESO Complex

Synonyms: N/A

Chemical Family: N/A

Molecular Weight: Not Established

Section 2 - Ingredients

Chemical:	CAS	Amount
Aliphatic Petroleum Distillates	Proprietary	N/A
Triphenyl Phosphate	Proprietary	N/A
Barium Carboxylate	Proprietary	N/A
Zinc Carboxylate	Proprietary	N/A

Section 3- Hazardous Identification

Color:	Yellow to Amber Clear
Form/Appearance:	Liquid
Odor:	Slightly sweet
Odor Intensity:	Very Mild

Nature of Hazard

Eye Contact:	May cause irritation.
Skin Contact:	Prolonged or repeated skin contact may cause irritation. Skin contact may aggravate an existing dermatitis condition.
Inhalation:	May be irritating to respiratory tract.
Ingestion:	Can cause gastrointestinal irritation.

Section 4 – First Aid

Eye:	Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.
Skin:	Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.
Inhalation:	Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

Medical Conditions Aggravated by Exposure: None known.

Section 5 – Fire Fighting Measures

Extinguishing Media: Foam, carbon dioxide, or dry chemical

Fire Fighting Instructions: Wear self-contained breathing apparatus. May generate HCl and oxides of carbon. Wear structural fire fighting gear. Avoid breathing smoke, fumes, and decomposed products.

Flash Point: 415 degrees F
Autoignition Temp: > 500 degrees F

Section 6 – Accidental Release Measures

General: Spills should be contained, soaked up with absorbent material, and placed in suitable containers for disposal at a licensed facility. Do not allow material to enter soil or surface water.

Waste Disposal: Material, if discarded, expected to be hazardous waste under RCRA due to toxicity. Dispose in accordance with all national, state, and local requirements. Consider the possible relevance of the presence of the following chemicals and treatment standards for the associated US EPA RCRA Hazardous Waste Numbers: 3.6% Barium, BA, D005.

Section 7 – Handling and Storage

General: Keep away from heat and flames.

Storage: Protect containers from physical damage. Store in cool dry place and keep containers closed when not in use.

Section 8 – Exposure Controls & Personal Protection

Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact.

Eyes: Chemical goggles; also wear face shield if splashing hazard exists.

Respiration: Under normal use, with adequate ventilation, no special respiratory protective equipment is required. If local exhaust is insufficient to remove fumes or vapors generated during process, NIOSH approved respirators may be necessary.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLVs.

Section 9 – Physical & Chemical Properties

Color: Clear

Form: Liquid

Odor: Slight sweet

Odor Intensity: Very Mild

Specific Gravity: .97

Boiling Pt: Not Available

Freezing Pt: Not Available

Section 10 – Stability & Reactivity

Stability: Stable

Polymerization: Will not occur

Conditions to Avoid: Extreme temperatures

Incompatibility: Strong oxidizers

Section 11 – Toxicological Information

None of the components in this material are listed as a carcinogen by NTP, IARC, or OSHA.

Section 12 – Ecological Information

No applicable data for this section.

Section 13 – Disposal Information

Waste Disposal: Material, if discarded, expected to be hazardous waste under RCRA due to toxicity. Dispose in accordance with all national, state, and local requirements. Consider the possible relevance of the presence of the following chemicals and treatment standards for the associated US EPA RCRA Hazardous Waste Numbers: 3.6% Barium, BA, D005.

Section 14 - Transportation Information

Not regulated by the Department of Transportation

Section 15 - Regulatory Information

Hazardous Rating: Health 2 Fire 2 Reactivity 0

TSCA: All components of this material are on the US TSCA.

SARA Section 313: Barium compounds – contains 20%
 Zinc compounds – contains 9%

Section 16 - Other Information

No Data Available.

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To the best of our knowledge, the information contained herein is accurate. However Alumilite does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist. While the descriptions, designs, data, and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Alumilite hereunder are given gratis and Alumilite assumes no obligation or liability for the description, designs, data, and information given or results obtained, all such being given and accepted at your risk.

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