SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Product Name: Lead phosphite dibasic
Product Code: L02060
Supplier: Pfaltz & Bauer, Inc.
172 E. Aurora Street
Waterbury, CT 06708 USA
Phone: 203-574-0075
FAX: 203-574-3181
Emergency Phone: INFOTRAC, US: 1-800-535-5053
INFOTRAC, INTERNATIONAL: +1-352-323-3500

SECTION 2: HAZARDS IDENTIFICATION

Statement of Hazard: Flammable solid, Irritant, Respiratory irritant, Toxic
Acute Health Hazard: Irritant to eyes, skin, mucous membranes and respiratory system. May be toxic by ingestion, harmful by skin absorption and inhalation.
Chronic Health Hazard: Target organ effect, Teratogen
HMIS Rating: H: 3  F: 2  P: 2
NFPA Rating: H: 3  F: 2  R: 2

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Acute toxicity, dermal (Category 4), H312
Acute toxicity, inhalation (Category 4), H332
Acute toxicity, oral (Category 3), H301
Flammable solids (Category 1), H228
Reproductive toxicity (Category 1A), H360
Serious eye damage/eye irritation (Category 2A), H319
Skin corrosion/irritation (Category 2), H315
Specific target organ toxicity, repeated exposure (Category 1), H372
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3), H335

Pictogram:

Signal Word: Danger

Hazard Statement(s):
- H228 Flammable solid.
- H301 Toxic if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H360 May damage fertility or the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s):
- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink, or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P332+P313 IF SKIN irritation occurs: Get medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Chemical Name: Lead phosphite dibasic
Synonyms: Trilead dioxide phosphonate; Plumbous phosphite
CAS Number: 12141-20-7
MDL Number: MFCD00049644
EINECS Number: 235-252-2
Beilstein Registry Number: Not Available
Molecular Formula: HO₅PPb₃
Molecular Weight: 733.58
Content: As specified in product name.

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention.

**Skin Contact:** Wash skin with soap and water. If irritation persists, seek medical attention.

**Ingestion:** Do not induce vomiting. Seek medical attention.

**Inhalation:** Move to a fresh air environment. Contact a physician if breathing becomes difficult.

**SECTION 5: FIRE FIGHTING MEASURES**

**Flash Point (ºC):** Not Available

**Explosion Limits:** Not Available

**Auto Ignition Temperature (ºC):** Not Available

**Extinguishing Media:** Carbon dioxide, dry chemical powder, alcohol-resistant foam, or water spray

**Protective Equipment:** Wear self-contained respirator and fully protective impervious suit.

**Specific Hazards:** May emit hazardous fumes under fire conditions.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Protection:** Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Remove from ignition sources if safe to do so. Follow emergency response plan and contact proper authorities if needed. Keep unprotected persons away.
Environmental Protection: Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING and STORAGE

Handling and Storage: Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away. Store in a tightly closed container in a dry, well-ventilated place.

Sensitivities: Not Available

Storage Temperature (ºC): 15 to 30

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use product in a well ventilated area or under a fume hood. Use proper lab equipment while handling this product. Keep away from incompatible materials for possible risk of hazardous reaction.

Eye Protection: Wear appropriate protective eyeglass or chemical safety goggles. Make sure that there is an eyewash station in your vicinity.

Skin Protection: Wear impervious gloves and protective clothing.

Respiratory Protection: Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

Exposure Limits:

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SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Appearance: Solid

Odor: Not Available

Odor Threshold: Not Available

Flash Point (ºC): Not Available

Auto Ignition Temperature (ºC): Not Available
SECTION 10: STABILITY and REACTIVITY

Stability: Stable under normal temperatures and pressures.

Incompatibility: Strong oxidizing agents

Reactivity: Product may react with incompatible materials to release other hazardous substances.

Conditions to Avoid: Heat, flame, sparks, other ignition sources.

Hazardous Decomposition Products: Lead oxides, Phosphorus oxides

SECTION 11: TOXICOLOGICAL INFORMATION

RTECS Reference: Not Available

Target Organs: Not Available
Toxicity Data: Not Available

Carcinogenicity: National Toxicology Program (NTP) listed: Not Available
International Agency for Research on Cancer (IARC) listed: Not Available

Potential Symptoms: Not Available

SECTION 12: ECOLOGICAL INFORMATION
Toxicity: Not Available

SECTION 13: DISPOSAL CONSIDERATIONS
Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION
DOT Shipping Name: Lead Phosphite, Dibasic
DOT UN Number: UN2989
DOT Hazard Class: Class 4.1
DOT Packing Group: PGII
IMDG Shipping Name: Lead Phosphite, Dibasic
IMDG UN Number: UN2989
IMDG Hazard Class: Class 4.1
IMDG Packing Group: PGII
Marine Pollutant: No
IATA Shipping Name: Lead Phosphite, Dibasic
IATA UN Number: UN2989
IATA Hazard Class: Class 4.1
IATA Packing Group: PGII

SECTION 15: REGULATORY INFORMATION
United States

Toxic Substance Control Act (TSCA) listed: Yes
Superfund Amendments and Reauthorization Act (SARA 302) listed: No
Superfund Amendments and Reauthorization Act (SARA 311/312) listed: No
Superfund Amendments and Reauthorization Act (SARA 313) listed: No

European Union

European Inventory of Existing Chemical Substances (EINECS): 235-252-2

Canada

Canadian Domestic Substances List (DSL) listed: No
Canadian Non-Domestic Substances List (NDSL) listed: No

SECTION 16: OTHER INFORMATION

Date Prepared: 10/1/2018

The information above is presented in good faith. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty with respect to such information and we assume no liability resulting from its use. The user should consider this information as a supplement to other information that may be available and make independent judgement to ensure proper use to protect the health and safety of employees and the environment. Pfaltz and Bauer shall not be held liable for any damage resulting from handling or from contact with the above product.