

# SAFETY DATA SHEET

## Accelerator

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### Section 1: Product and Company Identification

**Product Name:** Accelerator

**Company:**

Parson Environmental Products, Inc.  
PO Box 4474  
Reading, PA 19606  
Phone: 610-582-6060 Fax: 610-582-6064

**24 Hour Emergency Contact Number:**

INFOTRAC United States 1-800-535-5053

### Section 2: Hazards Identification

#### GHS Classifications

**Health:**

Skin Corrosion, Category 1B  
Skin Sensitization, Category 1  
Reproductive Toxicity, Category 1B  
Germ Cell Mutagenicity, Category 2  
Target organ toxicity single exposure, Category 3  
Target organ toxicity repeated exposure, Category 1

#### GHS Label



Health hazard



Exclamation mark



Corrosion

**Signal Word:** Danger.

#### Hazard Statements

H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation.  
H341: Suspected of causing genetic defects.  
H360: May damage fertility or the unborn child.  
H372: Causes damage to organs through prolonged or repeated exposure if swallowed.

## Precautionary Statements

### Prevention:

- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe mist, vapours or spray.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves, protective clothing, eye protection and face protection.

### Response:

- P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P310: Immediately call a POISON CENTER or physician.
- P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower.
- P363: Wash contaminated clothing before reuse.
- P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- P314: Get medical advice if you feel unwell.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313: IF exposed or concerned: Get medical advice.

## Section 3: Composition/Information on Ingredients

Component	% (weight)	Product Identifier
Tertiary amines	5-20	Trade Secret
Tin mercaptide	≤ 5	Trade Secret

## Section 4: First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present. Obtain medical attention.

**Skin Contact:** Immediately flush skin with water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

**Inhalation:** Move person to fresh air. If breathing is difficult, obtain medical attention.

## Section 5: Firefighting Measures

**Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide.

**Hazardous Combustion Products:** Carbon oxides, nitrogen oxides, ammonia, aldehydes and tin oxide.

**Explosion Hazards:** None.

**Fire Fighting Procedures:** Do not use direct water stream as this may spread the fire. Use water spray to cool fire-exposed containers.

**Fire Fighting Equipment:** Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

## Section 6: Accidental Release Measures

**Personal Protection:** Wear protective equipment listed in Section 8.

**Spill Procedures:** Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Small spills: Absorb with dry chemical absorbent, earth, sand or any other inert material. Place in a chemical waste container and close. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

**Environmental Precautions and Cleanup Methods:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Clean spill area with detergent and water. Retain water for disposal.

## Section 7: Handling and Storage

**Handling:** Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Do not breathe vapors or mists. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

**Storage:** Store in tightly closed containers in cool, dry and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

**Storage Temperature:** 4.4°C – 32.2°C (40°F - 90°F).

## Section 8: Exposure Controls/Personal Protection

**Exposure limits:**

Component	CAS No.	OSHA/PEL	ACGIH/TLV
Tin mercaptide	Trade Secret	0.1 Skin mg/m <sup>3</sup>	0.1 Skin mg/m <sup>3</sup>

**Engineering Controls:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

**Eye/Face Protection:** Wear a face shield and chemical safety glasses or goggles.

**Skin Protection:** Wear impervious gloves. Cover exposed skin.

**RESPIRATORY:** When product is applied as a spray, wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges.

## Section 9: Physical and Chemical Properties

Appearance	Colorless liquid.
Odor	Mild amine.
Odor Threshold	No data.
pH	10.1
Melting Point	No data.
Freezing Point	No data.
Boiling Point	No data.
Flash Point (Closed Cup)	> 102.23°C (216°F)
Evaporation Rate	No data.
Flammable Limits In Air	No data.
Vapor Pressure	5 mmHg at 20°C (68°F)
Vapor Density (air = 1)	Heavier than air.
Solubility in water	Slight.
Autoignition Temperature	No data.
Decomposition Temperature	No data.
Specific Gravity (water = 1)	0.93 – 0.96 at 25°C (77°F)
Viscosity (centipoise)	25 - 60 at 25°C (77°F)

## Section 10: Stability and Reactivity

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides, ammonia, aldehydes and tin oxide.

**Incompatibilities:** Mineral acids, organic acids, oxidizing agents, reactive metals and peroxides.

## Section 11: Toxicological Information

**Acute:**

Component	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)	Inhalation LC <sub>50</sub> (rat)
Tertiary amines	1600 mg/kg	> 12000 mg/kg	> 16000 ppm/8h
Tin mercaptide	> 2000 mg/kg	1000 to 1999 mL/kg	

**Carcinogenicity:**

IARC: Not regulated as a carcinogen.

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

## Section 12: Ecological Information

**Ecotoxicological Information:** No data.

## Section 13: Disposal Considerations

**Disposal Method:** Dispose in accordance with local, state, provincial or national regulations.

**Empty Container:** Decontaminate and pass to an approved drum recycler or destroy.

**RCRA/EPA Waste Information:** If discarded in its purchased form, this material is not a RCRA hazardous waste

**General Comments:** The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

## Section 14: Transport Information

**U.S. DOT:** Not regulated.

**ICAO/IATA:** Not regulated.

**IMO/IMDG:** Not regulated.

## Section 15: Regulatory Information

### United States

#### SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Acute.

313 Reportable Components: None.

**CERCLA (Comprehensive Environmental Response and Liability Act):** None.

**TSCA (Toxic Substances Control Act):** All components are on TSCA inventory.

**RCRA Status:** If discarded in its purchased form, this material is not a RCRA hazardous waste.

## Section 16: Other Information

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Changed from previous version: Section 14

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### Abbreviations and Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC <sub>50</sub>	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances

GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal concentration to 50% of exposed laboratory animals
LD <sub>50</sub>	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health
NE	Not established
NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
STEL	Short term exposure limit
U.S. DOT	United States Department of Transportation