



AIR DETRAINER-1

Safety Data Sheet

RussTech, Inc.
"WE ADD THE DIFFERENCE"

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **Air Detrainer-1**
- Product Use: Air detrainning concrete admixture
- Restrictions on Use: Intended for industrial and professional users
- CAS#: 126-73-8

Company Information

- RussTech, Inc.
11208 Decimal Drive
Louisville, KY 40299
502-267-7700
- Prepared by Department of Environmental, Health and Safety

Emergency number – (serviced 24 hours)

- CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

Carcinogen	Category 2	Suspected of causing cancer
Skin irritation	Category 2	Causes skin irritation
Acute Toxicity: Oral	Category 4	Harmful if swallowed

Label elements: This material requires a hazard warning label in accordance with GHS criteria



Pictogram:

Signal Word: **WARNING**

Hazard statement(s):

H351: Suspected of causing cancer.
H315: Causes skin irritation
H302: Harmful if swallowed

Precautionary statement(s):

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection

AIR DETRAINER-1

Safety Data Sheet

P281: Use personal protective equipment as required.
P308+P313: If exposed or concerned: Get medical advice
P302+P352: IF ON SKIN: Wash with plenty of soap & water
P332+P313: If skin irritation occurs: Get medical advice
P362: Take off contaminated clothing and wash before reuse
P301+P312: IF SWALLOWED: Call a poison center or physician if you feel unwell
P330: Rinse mouth
P405: Store locked up
P501: Dispose of contents/container in accordance with local/state/federal regulations.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Components:		
Chemical Name:	CAS#:	Content
Phosphoric Acid, tributyl ester	126-73-8	90 – 100%

4. FIRST AID MEASURES

Inhalation: Move person away from exposure. If having difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration and seek medical attention.

Eyes: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.

Ingestion: Contact physician or Poison Control Center (PCC) immediately. Do NOT induce vomiting unless instructed to do by physician or PCC.

Note to physician: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, dry chemicals, foam, water fog

Unsuitable extinguishing media: Straight steams of water

Specific hazards in case of fire: Prevent runoff. Use water spray to cool fire exposed surfaces.

Special protective equipment required for firefighting: SCBA (Self-Contained Breathing Apparatus)

Additional information for firefighters: May release poisonous and corrosive fumes of carbon dioxide, carbon monoxide and phosphorus oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

- Wear appropriate PPE
- Keep unprotected persons away
- Eliminate all ignition sources
- Use only non-sparking tools for cleanup and remediation

Environmental precautions:

- Prevent material from entering drains, septic systems, water sources, etc. using dikes, absorbent materials and booms.

AIR DETRAINER-1

Safety Data Sheet

Material containment and clean up:

- Contain material with dikes. Absorb with absorbent materials and put in closed container. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state and federal regulations. See section 13.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid breathing mists or vapors. Use only with adequate ventilation.

Information about safe storage: Store only in original container. Keep container closed. Store in a cool dry well ventilated area.

Shelf Life: 18 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: Adequate ventilation should be provided so that exposure limits are not exceeded.

Substance	Standard	Limit
Phosphoric Acid, tributyl ester	ACGIH-TVL	5 mg/m ³
Phosphoric Acid, tributyl ester	OSHA PEL	5 mg/m ³

PPE (personal protective equipment) and hygienic measures:

- Wear ANSI approved safety glasses or goggles to protect eyes
- Wear latex or rubber gloves to protect skin
- Wash hands thoroughly before breaks and at end of work day

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Liquid
- Color: Clear to pale yellow
- Odor: Odorless
- Odor Threshold: Not available

Physical properties:

- pH value (@70°F): Not available
- Specific gravity (@70°F): 0.987
- Density: Not determined
- Boiling point: 356°F / 180°C
- Freezing point/Melting point: -112°F / -80°C
- Decomposition temperature: Not determined
- Vapor pressure: Not determined
- Vapor density: Not determined
- Evaporation rate: Not determined
- Solubility in / Miscibility with water: Not determined
- Auto ignition: Not self-ignitable
- Flash point: 329°F / 165°C Method: Closed cup

AIR DETRAINER-1

Safety Data Sheet

- Lower / Upper Flammability Limits: Not flammable
- Explosion limits: Not explosive
- Viscosity: 4.50 cP (25°C)

10. STABILITY AND REACTIVITY

Material stability: Material is stable under normal conditions

Possibility of hazardous reactions: Hazardous polymerization will not occur

Incompatible materials to avoid: Strong oxidizers, strong acids and strong alkalis

Hazardous decomposition products: Under fire conditions - Phosphorus oxides, carbon dioxide and carbon monoxide

11. TOXICOLOGICAL INFORMATION

Routes for exposure for solids and liquids are ingestion and inhalation, but may include eye and skin contact.

Acute toxicity:

- Dermal: causes skin irritation
- Eyes: may cause mild transit eye irritation
- Inhalation: no data available
- Ingestion: may be harmful if swallowed

Chronic toxicity:

- Repeated dose: data not available
- Genetic: data not available
- Carcinogenicity: suspected of causing cancer
- Reproductive: data not available
- Teratogenicity: data not available

12. ECOLOGICAL INFORMATION

The information is based on data available for the material, the components of the material and similar material.

Ecotoxicity: no data available

Biodegradation: expected to be readily biodegradable

Bioaccumulation: not Bioaccumulative

Mobility in soil: no data available

13. DISPOSAL CONSIDERATIONS

In its manufactured form this material is not considered a hazardous waste. Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Material is not regulated for transport

15. REGULATORY INFORMATION

- Sara 302 (extremely hazardous materials): not applicable
- Sara 311/312: Acute and Delayed health hazard
- Sara 313: not applicable

AIR DETRAINER-1

Safety Data Sheet

- TSCA: All components are listed or exempt
- California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth or any other reproductive defects.

16. OTHER INFORMATION

This information is based on our current knowledge and is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of RusTech's knowledge, or is obtained from sources believed by RusTech to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. RusTech assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, RusTech assumes no responsibility for injuries caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.