

# Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Name:** D-4-Iodophe

**Catalog Number:** AD265

For R&D Use Only

**CAS #:** 62561-75-5

**Synonyms:** D-4-Iodophe

**Company Identification:**

PepTech Corp.  
19 Crosby Dr., Suite 240  
Bedford, MA 01730 USA  
+01 781 275 3100  
service@peptechcorp.com

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

**Substance/Mixture:** Substance

**Primary Component:** D-4-Iodophe

**Molecular Formula:** C<sub>9</sub>H<sub>10</sub>INO<sub>2</sub>

**Molecular Weight:** 291.09

## 3. HAZARDS IDENTIFICATION

**Indication of danger:** None

**GHS classification**

**PHYSICAL HAZARDS** Not classified

**HEALTH HAZARDS** Not classified

**ENVIRONMENTAL HAZARDS** Not classified

**GHS label elements, including precautionary statements**

**Pictograms or hazard symbols** None

**Signal word** No signal word

**Hazard statements** None

**Precautionary statements** None

#### 4. FIRST AID MEASURES

**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion:** Get medical advice/attention if you feel unwell. Rinse mouth.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Protection of first-aiders:** A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

#### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemical, foam, water spray, carbon dioxide.

**Specific hazards arising from the chemical:** Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

**Precautions for firefighters:** Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

**Special protective equipment for firefighters:** When extinguishing fire, be sure to wear personal protective equipment.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions:** Prevent product from entering drains.

**Methods and materials for containment and cleaning up:** Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

#### 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Technical Measures:** Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated.

**Advice on safe handling:** Avoid contact with skin, eyes and clothing.

#### **Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep container tightly closed. Store in a cool, dry place. Store away from incompatible materials such as oxidizing agents.

### **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Engineering Controls:** Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

#### **Personal Protective Equipment**

**Respiratory protection:** Dust respirator. Follow local and national regulations.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. A face-shield, if the situation requires.

**Skin and body protection:** Protective clothing. Protective boots, if the situation requires.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State (20°C):** Solid

**Form:** Powder

**Color:** White to Gray

**Odor:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Boiling point/range:** No data available

**Flash point:** No data available

**Flammability or explosive limits:**

**Lower:** No data available

**Upper:** No data available

**Relative density:** No data available

**Solubility(ies):**

[Water] No data available

[Other solvents] No data available

**10. STABILITY AND REACTIVITY**

**Chemical stability:** Stable under proper conditions.

**Possibility of hazardous reactions:** No special reactivity has been reported.

**Incompatible materials:** Oxidizing agents

**Hazardous decomposition products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides (NO<sub>x</sub>)

**11. TOXICOLOGICAL INFORMATION**

**Acute effects:**

May be harmful by ingestion and inhalation. Material is irritating to mucous membranes and upper respiratory tract.

To the best of our knowledge, the toxicological properties of this product have not been fully investigated or determined

**12. ECOLOGICAL INFORMATION**

Not available.

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION**

Not hazardous as reported by ADR/RID, IMDG/IMO, ICAO/IATA.

**15. REGULATORY INFORMATION**

**In accordance with local and national regulations**

**S-phrase(s)**

**S26** - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36** - Wear suitable protective clothing

**16. ADDITIONAL INFORMATION**

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.