SECTION 1  PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:  [Bis(trifluoroacetoxy)iodo]benzene
PRODUCT NUMBER:  1275
CAS NUMBER:  2712-78-9
SYNONYMS:  Phenylbis(trifluoroaceto-O)iodine
MANUFACTURER:  Prochem, Inc.

826 Roosevelt Road
Rockford, IL    61109

PHONE:  815-398-1788
FAX:  815-398-1810
TOLL FREE:  800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC:  1-800-424-9300

SECTION 2  HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram

Signal Word

Warning

Hazard Statements

H315  Causes skin irritation.
H319  Causes serious eye irritation.
H335  May cause respiratory irritation.

Precautionary Phrases

P261  Avoid breathing dust/fume/gas/mist/vapors/spray.
P305+P351+P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352  IF ON SKIN: Wash with plenty of water.

HMIS CLASSIFICATION:  

Health: 2  Fire: 0  Reactivity Hazard: 0

NFPA RATING:  

Health: 2  Flammability: 0  Reactivity Hazard: 0

EYE CONTACT:  Causes serious eye irritation.
SKIN CONTACT:  Causes skin irritation.
INHALATION:  May cause respiratory irritation.
INGESTION:  May be irritating if swallowed.
SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

Formula: $\text{C}_{10}\text{H}_5\text{F}_6\text{IO}_4$

Molecular Weight: 430.04

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<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS#</th>
<th>%</th>
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<tbody>
<tr>
<td>[Bis(trifluoroacetoxy)iodo]benzene</td>
<td>2712-78-9</td>
<td>100</td>
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SECTION 4  FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove to fresh air and keep at rest. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases, seek immediate medical assistance.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5  FIREFIGHTING MEASURES

FLASH POINT: Not available

AUTO IGNITION TEMPERATURE: Not available

EXPLOSION LIMITS: Not available

EXTINGUISHING MEDIUM: Carbon dioxide, extinguishing powder, or water spray. Fight large fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Carbon oxides, hydrogen fluoride, and hydrogen iodide.

SECTION 6  ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear all appropriate equipment when using this material. Ensure adequate ventilation. Avoid the formation of dust. Avoid breathing vapors, mist, gas, or dust.

ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains or allowing to be released into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Pick up and arrange disposal without creating dust. Sweep up and keep in suitable, closed containers for disposal.

SECTION 7  HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid formation of dust. Handle under inert gas.

CONDITIONS FOR SAFE STORAGE: Store in cool, dry, and well-ventilated area. Store under inert gas. Light and moisture sensitive. Store away from oxidizing agents, water, and moisture. Protect from heat, humidity, water, and exposure to light. Store in the dark.

SECTION 8  EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS: Contains no substances with occupational exposure limit values.

EYE PROTECTION: Wear chemical safety glasses or goggles and face shield.

SKIN PROTECTION: Wear nitrile or rubber gloves, apron, or lab coat.

VENTILATION: Provide local exhaust, preferably mechanical.

RESPIRATOR: Use an approved respirator.

ADDITIONAL PROTECTION: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.
SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White to pale yellow solid
ODOR: None
MOLECULAR WEIGHT: 430.04
BOILING POINT: No data available
MELTING POINT: 121-125°C
SPECIFIC GRAVITY: No data available
VAPOR DENSITY: No data available
SOLUBILITY: Insoluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: No data available
INCOMPATIBILITY: Oxidizing agents, water, moisture, heat, and light.
DECOMPOSITION PRODUCTS: Carbon oxides, hydrogen fluoride, and hydrogen iodide.

SECTION 11 TOXICOLOGICAL DATA

ACUTE TOXICITY: No data available
CARCINOGENIC EFFECTS: No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.
MUTAGENIC EFFECTS: Not available
TETRATROGENIC EFFECTS: Not available
RTECS: Not available

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 ECOLOGICAL DATA

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

SECTION 14 TRANSPORTATION DATA

Not a dangerous good

SECTION 15 REGULATORY INFORMATION

SARA 302/304: Not listed
SARA 311/312: Acute Health Hazard
SARA (TITLE 313): Not listed
PENNSYLVANIA RIGHT TO KNOW: Phenylbis(trifluoroacetato-O)iodine
NEW JERSEY RIGHT TO KNOW: Phenylbis(trifluoroacetato-O)iodine
CALIFORNIA PROP. 65: Not Listed
SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE PREPARED: 11/14