

Toxic Substance Control Act (TSCA) Forms

If you are transferring chemicals that have been previously imported or have been synthesized in the lab (for which little or no health, safety or environmental information exists) please do the following:

1. Complete a Research Materials Shipment Request
2. Complete the TSCA Chemical Substance Transfer Form
3. Preliminary Chemical Health and Safety Information Sheet
4. Forward all three forms to EHS for review (fax 785-7588 or campus mail: 135 College Street, Suite 100)
5. Maintain copies of the forms in a designated place in the laboratory

Do not ship the material until you receive a response from EHS.

Preliminary Chemical Health and Safety Information Sheet

Yale University

CAUTION: The chemical, physical and toxicological properties of this chemical have not been fully investigated and its handling or use may be hazardous. Exercise due care.

Principal Investigator _____

Campus address _____

Telephone _____

Date: _____

CHEMICAL NAME: _____

SYNONYMS: _____

CHEMICAL STRUCTURE: _____

EMPIRICAL STRUCTURE: _____

MOLECULAR WEIGHT: _____

HEALTH REMARKS: (identify any known adverse affects):

FIRST AID PROCEDURES

Eye contamination (check appropriate items)

- Flush with water
- Call physician
- Other: _____

Skin contamination (check appropriate items)

- Flush with water
- Call physician
- Other: _____

PHYSICAL PROPERTIES

Description _____

Odor _____

Boiling point _____ °C

Melting point _____ °C

Specific gravity _____ g/ml

Solubility _____

Flash point _____ °F

Flammable limits _____

pH _____

FIRE FIGHTING PROCEDURES (check appropriate items)

- Water
- Carbon dioxide
- Foam
- Dry chemicals
- Special precautions: _____

SUSPECTED OR KNOWN HAZARDS:

- Shock or friction sensitive
- Air reactive
- Water reactive
- Oxidizer
- Flammable
- Corrosive
- Sensitizer
- Contains cyanide or sulfide
- Reproductive hazard
- None

SPILL PROCEDURES

1. Eliminate ignition sources if flammable
2. Contain spill, dike
3. Wear respirator and other PPE
4. Absorbent
5. Sweep and containerize
6. Flush residual with water

EXPOSURE CONTROLS

Personal Protective Equipment

- Goggles
- Face shield
- Gloves - type: _____
- Coveralls
- Apron
- Respirator
- Other: _____

Control Equipment

- Chemical fume hood
- Other: _____

STORAGE

- Requires refrigeration
- Avoid direct sunlight
- Do not allow to dry out
- Incompatibilities include:

WASTE DISPOSAL

Dispose of this material through your institution's chemical hazardous waste disposal program.