

# 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.