

# ***Chem-Impex International Inc.***

---

Tel: (630) 766-2112  
E-mail: [sales@chemimpex.com](mailto:sales@chemimpex.com)  
**Shipping and Correspondence:**  
935 Dillon Drive  
Wood Dale, IL 60191 USA

Fax: (630) 766-2218  
Web site: [www.chemimpex.com](http://www.chemimpex.com)  
**Manufacturing site:**  
825 Dillon Drive  
Wood Dale, IL 60191 USA

## **SAFETY DATA SHEET**

---

### **SECTION 1. CHEMICAL IDENTIFICATION**

---

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| CATALOG #:                      | 30174                                               |
| NAME:                           | Thioacetamide                                       |
| SYNONYMS:                       | Ethanethioamide                                     |
| 24 HOUR EMERGENCY<br>TELEPHONE: | (800) 535-5053(USA)<br>352-323-3500 (INTERNATIONAL) |
| TO REQUEST AN MSDS:             | (800) 869-9290                                      |
| CUSTOMER<br>SERVICE:            | (630) 766-2112                                      |

### **SECTION 2. HAZARDS IDENTIFICATION**

---

#### **CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

##### **GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)**

ACUTE TOXICITY, ORAL (CATEGORY 4), H302  
SKIN IRRITATION (CATEGORY 2), H315  
EYE IRRITATION (CATEGORY 2A), H319  
CARCINOGENICITY (CATEGORY 1B), H350  
ACUTE AQUATIC TOXICITY (CATEGORY 3), H402

CHRONIC AQUATIC TOXICITY (CATEGORY 3), H412

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS  
PICTOGRAM**



SIGNAL WORD

DANGER

**HAZARD STATEMENT(S)**

H302 HARMFUL IF SWALLOWED.  
H315 CAUSES SKIN IRRITATION.  
H319 CAUSES SERIOUS EYE IRRITATION.  
H350 MAY CAUSE CANCER.  
H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**PRECAUTIONARY STATEMENT(S)**

P201 OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.  
P202 DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.  
P264 WASH SKIN THOROUGHLY AFTER HANDLING.  
P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.  
P273 AVOID RELEASE TO THE ENVIRONMENT.  
P280 WEAR EYE PROTECTION/ FACE PROTECTION.  
P280 WEAR PROTECTIVE GLOVES.  
P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.  
P301 + P312 + P330 IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/ PHYSICIAN IF YOU FEEL UNWELL. RINSE MOUTH.  
P302 + P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.  
P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P308 + P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ ATTENTION.  
P332 + P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION.  
P337 + P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.  
P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.  
P405 STORE LOCKED UP.  
P501 DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

**HAZARDS NOT  
OTHERWISE  
CLASSIFIED (HNOC)  
OR NOT COVERED  
BY GHS**

NONE

---

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

---

MF: C<sub>2</sub>H<sub>5</sub>NS

MW: 75.10

CAS-NO. 62-55-5

PURITY: ≥ 99% (HPLC)

**HAZARDOUS COMPONENTS**

| COMPONENT     | CLASSIFICATION                                                                                                                     | CONCENTRATION |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|---------------|
| THIOACETAMIDE |                                                                                                                                    |               |
|               | ACUTE TOX. 4; SKIN IRRIT. 2;<br>EYE IRRIT. 2A; CARC. 1B;<br>AQUATIC ACUTE 3; AQUATIC<br>CHRONIC 3; H302, H315, H319,<br>H350, H412 | <= 100%       |

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

---

**SECTION 4. FIRST-AID MEASURES**

---

**DESCRIPTION OF FIRST AID MEASURES**

|                                                                    |                                                                                                                     |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL ADVICE</b>                                              | CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.MOVE OUT OF DANGEROUS AREA.            |
| <b>IF INHALED</b>                                                  | IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.     |
| <b>IN CASE OF SKIN CONTACT</b>                                     | WASH OFF WITH SOAP AND PLENTY OF WATER. CONSULT A PHYSICIAN.                                                        |
| <b>IN CASE OF EYE CONTACT</b>                                      | RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.                              |
| <b>IF SWALLOWED</b>                                                | NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN.                 |
| <b>MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED</b> | THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11 |

**INDICATION OF ANY  
IMMEDIATE MEDICAL  
ATTENTION AND  
SPECIAL TREATMENT  
NEEDED**

NO DATA AVAILABLE

---

## **SECTION 5. FIRE AND EXPLOSION DATA**

---

### **EXTINGUISHING MEDIA**

**SUITABLE  
EXTINGUISHING MEDIA**

USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY  
CHEMICAL OR CARBON DIOXIDE.

**SPECIAL HAZARDS  
ARISING FROM THE  
SUBSTANCE OR MIXTURE**

CARBON OXIDES, NITROGEN OXIDES (NOX), SULPHUR  
OXIDES

**ADVICE FOR  
FIREFIGHTERS**

WEAR SELF-CONTAINED BREATHING APPARATUS FOR  
FIREFIGHTING IF NECESSARY.

**FURTHER INFORMATION**

NO DATA AVAILABLE

---

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

---

**PERSONAL  
PRECAUTIONS,  
PROTECTIVE  
EQUIPMENT AND  
EMERGENCY  
PROCEDURES**

USE PERSONAL PROTECTIVE EQUIPMENT. AVOID  
DUST FORMATION. AVOID BREATHING VAPOURS, MIST  
OR GAS. ENSURE ADEQUATE VENTILATION.  
EVACUATE PERSONNEL TO SAFE AREAS. AVOID  
BREATHING DUST.  
FOR PERSONAL PROTECTION SEE SECTION 8.

**ENVIRONMENTAL  
PRECAUTIONS**

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE  
TO DO SO. DO NOT LET PRODUCT ENTER DRAINS.  
DISCHARGE INTO THE ENVIRONMENT MUST BE  
AVOIDED.

**METHODS AND  
MATERIALS FOR  
CONTAINMENT AND  
CLEANING UP**

PICK UP AND ARRANGE DISPOSAL WITHOUT  
CREATING DUST. SWEEP UP AND SHOVEL. KEEP IN  
SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

**REFERENCE TO OTHER  
SECTIONS**

FOR DISPOSAL SEE SECTION 13.

---

## **SECTION 7. HANDLING AND STORAGE**

---

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRECAUTIONS FOR SAFE HANDLING</b>                                | AVOID CONTACT WITH SKIN AND EYES. AVOID FORMATION OF DUST AND AEROSOLS.FURTHER PROCESSING OF SOLID MATERIALS MAY RESULT IN THE FORMATION OF COMBUSTIBLE DUSTS. THE POTENTIAL FOR COMBUSTIBLE DUST FORMATION SHOULD BE TAKEN INTO CONSIDERATION BEFORE ADDITIONAL PROCESSING OCCURS. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED. FOR PRECAUTIONS SEE SECTION 2.2. |
| <b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b> | KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.<br>STORAGE CLASS (TRGS 510): NON-COMBUSTIBLE, ACUTE TOXIC CAT.3 / TOXIC HAZARDOUS MATERIALS OR HAZARDOUS MATERIALS CAUSING CHRONIC EFFECTS                                                                                                                                                                                 |
| <b>SPECIFIC END USE(S)</b>                                          | APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED                                                                                                                                                                                                                                                                                                           |

---

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

### **CONTROL PARAMETERS**

|                                                     |                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------|
| <b>COMPONENTS WITH WORKPLACE CONTROL PARAMETERS</b> | CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES. |
|-----------------------------------------------------|-----------------------------------------------------------------|

### **EXPOSURE CONTROLS**

|                                         |                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>APPROPRIATE ENGINEERING CONTROLS</b> | HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY. |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|

### **PERSONAL PROTECTIVE EQUIPMENT**

|                            |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EYE/FACE PROTECTION</b> | SAFETY GLASSES WITH SIDE-SHIELDS CONFORMING TO EN166 USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU). |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SKIN PROTECTION**

HANDLE WITH GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. USE PROPER GLOVE REMOVAL TECHNIQUE (WITHOUT TOUCHING GLOVE'S OUTER SURFACE) TO AVOID SKIN CONTACT WITH THIS PRODUCT. DISPOSE OF CONTAMINATED GLOVES AFTER USE IN ACCORDANCE WITH APPLICABLE LAWS AND GOOD LABORATORY PRACTICES. WASH AND DRY HANDS.

**FULL CONTACT**

MATERIAL: NITRILE RUBBER

MINIMUM LAYER THICKNESS: 0.11 MM

BREAK THROUGH TIME: 480 MIN

MATERIAL TESTED:DERMATRIL (KCL 740, SIZE M)

**SPLASH CONTACT**

MATERIAL: NITRILE RUBBER

MINIMUM LAYER THICKNESS: 0.11 MM

BREAK THROUGH TIME: 480 MIN

MATERIAL TESTED:DERMATRIL (KCL 740, SIZE M)

IF USED IN SOLUTION, OR MIXED WITH OTHER SUBSTANCES, AND UNDER CONDITIONS WHICH DIFFER FROM EN 374, CONTACT THE SUPPLIER OF THE CE APPROVED GLOVES. THIS RECOMMENDATION IS ADVISORY ONLY AND MUST BE EVALUATED BY AN INDUSTRIAL HYGIENIST AND SAFETY OFFICER FAMILIAR WITH THE SPECIFIC SITUATION OF ANTICIPATED USE BY OUR CUSTOMERS. IT SHOULD NOT BE CONSTRUED AS OFFERING AN APPROVAL FOR ANY SPECIFIC USE SCENARIO.

**BODY PROTECTION**

COMPLETE SUIT PROTECTING AGAINST CHEMICALS, THE TYPE OF PROTECTIVE EQUIPMENT MUST BE SELECTED ACCORDING TO THE CONCENTRATION AND AMOUNT OF THE DANGEROUS SUBSTANCE AT THE SPECIFIC WORKPLACE.

**RESPIRATORY PROTECTION**

WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULL-FACE PARTICLE RESPIRATOR TYPE N100 (US) OR TYPE P3 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU).

**CONTROL OF ENVIRONMENTAL EXPOSURE**

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

---

**SECTION 9.      PHYSICAL AND CHEMICAL PROPERTIES**

---

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|                                         |                         |
|-----------------------------------------|-------------------------|
| APPEARANCE                              | White crystalline solid |
| ODOUR                                   | NO DATA AVAILABLE       |
| ODOUR THRESHOLD                         | NO DATA AVAILABLE       |
| PH                                      | 5.2 AT 100 G/L AT 20 °C |
| MELTING                                 | 109-115 °C              |
| POINT/FREEZING POINT                    |                         |
| INITIAL BOILING POINT                   |                         |
| AND BOILING RANGE                       |                         |
| FLASH POINT                             |                         |
| EVAPORATION RATE                        | NO DATA AVAILABLE       |
| FLAMMABILITY (SOLID, GAS)               | NO DATA AVAILABLE       |
| UPPER/LOWER                             | NO DATA AVAILABLE       |
| FLAMMABILITY OR                         |                         |
| EXPLOSIVE LIMITS                        |                         |
| VAPOUR PRESSURE                         | NO DATA AVAILABLE       |
| VAPOUR DENSITY                          | NO DATA AVAILABLE       |
| RELATIVE DENSITY                        |                         |
| WATER SOLUBILITY                        | NO DATA AVAILABLE       |
| PARTITION COEFFICIENT: N- OCTANOL/WATER | NO DATA AVAILABLE       |
| AUTO-IGNITION                           | NO DATA AVAILABLE       |
| TEMPERATURE                             |                         |
| DECOMPOSITION                           | NO DATA AVAILABLE       |
| TEMPERATURE                             |                         |
| VISCOSITY                               | NO DATA AVAILABLE       |
| EXPLOSIVE PROPERTIES                    | NO DATA AVAILABLE       |
| OXIDIZING PROPERTIES                    | NO DATA AVAILABLE       |

**OTHER SAFETY INFORMATION**

|              |          |
|--------------|----------|
| BULK DENSITY | 0.60 G/L |
|--------------|----------|

---

**SECTION 10.      STABILITY AND REACTIVITY**

---

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| REACTIVITY                         | NO DATA AVAILABLE                            |
| CHEMICAL STABILITY                 | STABLE UNDER RECOMMENDED STORAGE CONDITIONS. |
| POSSIBILITY OF HAZARDOUS REACTIONS | NO DATA AVAILABLE                            |
| CONDITIONS TO AVOID                | NO DATA AVAILABLE                            |

|                                         |                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------|
| <b>INCOMPATIBLE MATERIALS</b>           | STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES                                     |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b> | OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLE<br>IN THE EVENT OF FIRE: SEE SECTION 5 |

---

## SECTION 11. TOXICOLOGICAL INFORMATION

---

### INFORMATION ON TOXICOLOGICAL EFFECTS

|                                                         |                                                                                                                                                                                     |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACUTE TOXICITY</b>                                   | LD50 ORAL - RAT - 301 MG/KG<br>INHALATION: NO DATA AVAILABLE<br>DERMAL: NO DATA AVAILABLE                                                                                           |
| <b>SKIN CORROSION/IRRITATION</b>                        | NO DATA AVAILABLE                                                                                                                                                                   |
| <b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>                | NO DATA AVAILABLE                                                                                                                                                                   |
| <b>RESPIRATORY OR SKIN SENSITISATION</b>                | NO DATA AVAILABLE                                                                                                                                                                   |
| <b>GERM CELL MUTAGENICITY</b>                           | NO DATA AVAILABLE                                                                                                                                                                   |
| <b>CARCINOGENICITY</b>                                  | THIS PRODUCT IS OR CONTAINS A COMPONENT THAT HAS BEEN REPORTED TO BE PROBABLY CARCINOGENIC BASED ON ITS IARC, OSHA, ACGIH, NTP, OR EPA CLASSIFICATION.<br>POSSIBLE HUMAN CARCINOGEN |
| IARC:                                                   | 2B - GROUP 2B: POSSIBLY CARCINOGENIC TO HUMANS (THIOACETAMIDE)                                                                                                                      |
| ACGIH:                                                  | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY ACGIH.                                        |
| NTP:                                                    | REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN (THIOACETAMIDE)                                                                                                                     |
| OSHA:                                                   | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.                                         |
| <b>REPRODUCTIVE TOXICITY</b>                            | NO DATA AVAILABLE                                                                                                                                                                   |
| <b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b> | NO DATA AVAILABLE                                                                                                                                                                   |

|                                                           |                                                                                                                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b> | NO DATA AVAILABLE                                                                                                                                                                                   |
| <b>ASPIRATION HAZARD</b>                                  | NO DATA AVAILABLE                                                                                                                                                                                   |
| <b>ADDITIONAL INFORMATION</b>                             | RTECS: AC8925000<br>TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.<br>STOMACH - IRREGULARITIES - BASED ON HUMAN EVIDENCE |

---

## SECTION 12. ECOLOGICAL INFORMATION

---

|                                                     |                                                                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TOXICITY</b>                                     |                                                                                                                                                       |
| TOXICITY TO FISH                                    | LC50 - PIMEPHALES PROMELAS (FATHEAD MINNOW) - 270 MG/L - 96.0 H                                                                                       |
| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES | EC50 - DAPHNIA MAGNA (WATER FLEA) - 17.4 MG/L - 48 H                                                                                                  |
| <b>PERSISTENCE AND DEGRADABILITY</b>                | NO DATA AVAILABLE                                                                                                                                     |
| <b>BIOACCUMULATIVE POTENTIAL</b>                    | NO DATA AVAILABLE                                                                                                                                     |
| <b>MOBILITY IN SOIL</b>                             | NO DATA AVAILABLE                                                                                                                                     |
| <b>RESULTS OF PBT AND VPVB ASSESSMENT</b>           | PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED                                                            |
| <b>OTHER ADVERSE EFFECTS</b>                        | AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL.<br>HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |

---

## SECTION 13. DISPOSAL CONSIDERATIONS

---

### WASTE TREATMENT METHODS

|                               |                                                                                                                                                                                                                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT</b>                | OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. |
| <b>CONTAMINATED PACKAGING</b> | DISPOSE OF AS UNUSED PRODUCT.                                                                                                                                                                                                                                                                        |

---

## SECTION 14.     TRANSPORT INFORMATION

---

**DOT (US)**  
 PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCES,  
 SOLID, N.O.S.(Thioacetamide)  
 UN NUMBER: 3077  
 CLASS: 9  
 PACKING GROUP: III  
 REPORTABLE QUANTITY (RQ): 10 LBS  
 POISON INHALATION HAZARD: NO

**IMDG**  
 NOT DANGEROUS GOODS

**IATA**  
 NOT DANGEROUS GOODS

---

## SECTION 15.     REGULATORY INFORMATION

---

**SARA 302 COMPONENTS**     NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.

**SARA 313 COMPONENTS**     THE FOLLOWING COMPONENTS ARE SUBJECT TO REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313:

|               |         |               |
|---------------|---------|---------------|
|               | CAS-NO. | REVISION DATE |
| Thioacetamide | 62-55-5 | 4/24/1993     |

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS**

|               |         |               |
|---------------|---------|---------------|
|               | CAS-NO. | REVISION DATE |
| Thioacetamide | 62-55-5 | 4/24/1993     |

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

|               |                    |                            |
|---------------|--------------------|----------------------------|
| Thioacetamide | CAS-NO.<br>62-55-5 | REVISION DATE<br>4/24/1993 |
|---------------|--------------------|----------------------------|

**NEW JERSEY RIGHT TO KNOW COMPONENTS**

|               |                    |                            |
|---------------|--------------------|----------------------------|
| Thioacetamide | CAS-NO.<br>62-55-5 | REVISION DATE<br>4/24/1993 |
|---------------|--------------------|----------------------------|

**CALIFORNIA PROP. 65 COMPONENTS**

WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

|               |                    |                            |
|---------------|--------------------|----------------------------|
| Thioacetamide | CAS-NO.<br>62-55-5 | REVISION DATE<br>11/9/1992 |
|---------------|--------------------|----------------------------|

---

**SECTION 16. OTHER INFORMATION**

---

**FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.**

|                 |                                |
|-----------------|--------------------------------|
| ACUTE TOX.      | ACUTE TOXICITY                 |
| AQUATIC ACUTE   | ACUTE AQUATIC TOXICITY         |
| AQUATIC CHRONIC | CHRONIC AQUATIC TOXICITY       |
| CARC.           | CARCINOGENICITY                |
| EYE IRRIT.      | EYE IRRITATION                 |
| H302            | HARMFUL IF SWALLOWED.          |
| H315            | CAUSES SKIN IRRITATION.        |
| H319            | CAUSES SERIOUS EYE IRRITATION. |
| H350            | MAY CAUSE CANCER.              |

**HMIS RATING**

|                        |   |
|------------------------|---|
| HEALTH HAZARD:         | 2 |
| CHRONIC HEALTH HAZARD: | * |
| FLAMMABILITY:          | 0 |
| PHYSICAL HAZARD        | 0 |

**NFPA RATING**

|                    |   |
|--------------------|---|
| HEALTH HAZARD:     | 2 |
| FIRE HAZARD:       | 0 |
| REACTIVITY HAZARD: | 0 |

**MSDS LEGEND**

|            |                                                          |
|------------|----------------------------------------------------------|
| MW:        | MOLECULAR WEIGHT                                         |
| MF:        | MOLECULAR FORMULA                                        |
| VOC:       | VOLATILE ORGANIC COMPOUNDS                               |
| ACGIH:     | AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGINISTS |
| CAS:       | CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER                |
| OSHA:      | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION            |
| PEL:       | PERMISSIBLE EXPOSURE LIMIT (OSHA)                        |
| TLV:       | THRESHOLD LIMIT VALUE (ACGIH)                            |
| IMPORTANT: |                                                          |

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL **CII** BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF **CII** HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.