

# *Chem-Impex International Inc.*

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## SAFETY DATA SHEET

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### SECTION 1. CHEMICAL IDENTIFICATION

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|                                 |   |
|---------------------------------|---|
| CATALOG #:                      | 24593   |
| NAME:                           | 4-(Trifluoromethyl)aniline                          |
| SYNONYMS:                       | 1-Amino-4-(trifluoromethyl)benzene                  |
| 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

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#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

FLAMMABLE LIQUIDS (CATEGORY 4), H227  
ACUTE TOXICITY, ORAL (CATEGORY 3), H301  
EYE IRRITATION (CATEGORY 2A), H319  
ACUTE AQUATIC TOXICITY (CATEGORY 1), H400  
CHRONIC AQUATIC TOXICITY (CATEGORY 1), H410

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)**

H227 COMBUSTIBLE LIQUID  
H301 TOXIC IF SWALLOWED.  
H319 CAUSES SERIOUS EYE IRRITATION.  
H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**PRECAUTIONARY STATEMENT(S)**

P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.  
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 PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.  
P301 + P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/ PHYSICIAN.  
P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P321 SPECIFIC TREATMENT (SEE SUPPLEMENTAL FIRST AID INSTRUCTIONS ON THIS LABEL).  
P330 RINSE MOUTH.  
P337 + P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.  
P370 + P378 IN CASE OF FIRE: USE DRY SAND, DRY CHEMICAL OR ALCOHOL-RESISTANT FOAM FOR EXTINCTION.  
P391 COLLECT SPILLAGE.  
P403 + P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.  
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

MF: C<sub>7</sub>H<sub>6</sub>F<sub>3</sub>N  
MW: 161.13  
CAS-NO. 455-14-1  
PURITY: ≥ 97% (GC)

#### HAZARDOUS COMPONENTS

| COMPONENT                          | CLASSIFICATION   | CONCENTRATION |
|------------------------------------|--|---------------|
| <b>A,A,A-TRIFLUORO-P-TOLUIDINE</b> |  |               |
|                                    | FLAM. LIQ. 4; ACUTE TOX. 3;<br>EYE IRRIT. 2A; AQUATIC<br>ACUTE 1; AQUATIC CHRONIC<br>1; H227, H301, H319, H410 | -             |

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

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## SECTION 4. FIRST-AID MEASURES

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### 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. TAKE VICTIM IMMEDIATELY TO HOSPITAL. 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>  | DO NOT INDUCE VOMITING. 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         |
| <b>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND</b>           | NO DATA AVAILABLE   |

**SPECIAL TREATMENT  
NEEDED**

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**SECTION 5. FIRE AND EXPLOSION DATA**

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**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),  
HYDROGEN FLUORIDE

**ADVICE FOR  
FIREFIGHTERS** WEAR SELF CONTAINED BREATHING APPARATUS FOR  
FIRE FIGHTING IF NECESSARY.

**FURTHER INFORMATION** USE WATER SPRAY TO COOL UNOPENED CONTAINERS.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**PERSONAL  
PRECAUTIONS,  
PROTECTIVE  
EQUIPMENT AND  
EMERGENCY  
PROCEDURES** WEAR RESPIRATORY PROTECTION. AVOID BREATHING  
VAPOURS, MIST OR GAS. ENSURE ADEQUATE  
VENTILATION. REMOVE ALL SOURCES OF IGNITION.  
EVACUATE PERSONNEL TO SAFE AREAS. BEWARE OF  
VAPOURS ACCUMULATING TO FORM EXPLOSIVE  
CONCENTRATIONS. VAPOURS CAN ACCUMULATE IN  
LOW AREAS.  
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** CONTAIN SPILLAGE, AND THEN COLLECT WITH AN  
ELECTRICALLY PROTECTED VACUUM CLEANER OR BY  
WET-BRUSHING AND PLACE IN CONTAINER FOR  
DISPOSAL ACCORDING TO LOCAL REGULATIONS (SEE  
SECTION 13). KEEP IN SUITABLE, CLOSED CONTAINERS  
FOR DISPOSAL.

**REFERENCE TO OTHER  
SECTIONS** FOR DISPOSAL SEE SECTION 13.

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

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|   |  |
|---|--|
| <b>PRECAUTIONS FOR SAFE HANDLING</b>                                | AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION OF VAPOUR OR MIST. KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING. TAKE MEASURES TO PREVENT THE BUILD UP OF ELECTROSTATIC CHARGE. 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. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. HANDLE AND STORE UNDER INERT GAS. MOISTURE SENSITIVE.    |
| <b>SPECIFIC END USE(S)</b>  | APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED   |

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

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### **CONTROL PARAMETERS**

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

### **EXPOSURE CONTROLS**

|   |  |
|---|--|
| <b>APPROPRIATE ENGINEERING CONTROLS</b> | AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH HANDS BEFORE BREAKS AND IMMEDIATELY AFTER HANDLING THE PRODUCT. |
|---|--|

### **PERSONAL PROTECTIVE EQUIPMENT**

|                            |  |
|----------------------------|--|
| <b>EYE/FACE PROTECTION</b> | FACE SHIELD AND SAFETY GLASSES 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: BUTYL-RUBBER  
MINIMUM LAYER THICKNESS: 0.3 MM  
BREAK THROUGH TIME: 480 MIN  
MATERIAL TESTED: BUTOJECT (KCL 897 , SIZE M)

## SPLASH CONTACT

MATERIAL: BUTYL-RUBBER  
MINIMUM LAYER THICKNESS: 0.3 MM  
BREAK THROUGH TIME: 480 MIN  
MATERIAL TESTED: BUTOJECT (KCL 897 , 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 RESPIRATOR WITH MULTI- PURPOSE COMBINATION (US) OR TYPE ABEK (EN 14387) 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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|  |                                       |
|--|---------------------------------------|
| APPEARANCE                                   | Clear colorless or yellow oily liquid |
| ODOUR  | NO DATA AVAILABLE                     |
| ODOUR THRESHOLD                              | NO DATA AVAILABLE                     |
| PH   | NO DATA AVAILABLE                     |
| MELTING POINT/FREEZING POINT                 |                                       |
| INITIAL BOILING POINT AND BOILING RANGE      | 83 °C at 16 hPa (12 mmHg)             |
| FLASH POINT                                  |                                       |
| EVAPORATION RATE                             | NO DATA AVAILABLE                     |
| FLAMMABILITY (SOLID, GAS)                    | NO DATA AVAILABLE                     |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS | NO DATA AVAILABLE                     |
| VAPOUR PRESSURE                              | NO DATA AVAILABLE                     |
| VAPOUR DENSITY                               | NO DATA AVAILABLE                     |
| RELATIVE DENSITY                             | 1.28                                  |
| WATER SOLUBILITY                             | CA.0.3 G/L                            |
| PARTITION COEFFICIENT: N- OCTANOL/WATER      | LOG POW: 1.95                         |
| AUTO-IGNITION TEMPERATURE                    | NO DATA AVAILABLE                     |
| DECOMPOSITION TEMPERATURE                    | NO DATA AVAILABLE                     |
| VISCOSITY                                    | NO DATA AVAILABLE                     |
| EXPLOSIVE PROPERTIES                         | NO DATA AVAILABLE                     |
| OXIDIZING PROPERTIES                         | NO DATA AVAILABLE                     |
| <b>OTHER SAFETY INFORMATION</b>              | NO DATA AVAILABLE                     |

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**SECTION 10. STABILITY AND REACTIVITY**

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|                           |  |
|---------------------------|--|
| <b>REACTIVITY</b>         | NO DATA AVAILABLE                            |
| <b>CHEMICAL STABILITY</b> | STABLE UNDER RECOMMENDED STORAGE CONDITIONS. |

|   |   |
|---|---|
| <b>POSSIBILITY OF HAZARDOUS REACTIONS</b> | NO DATA AVAILABLE   |
| <b>CONDITIONS TO AVOID</b>                | HEAT, FLAMES AND SPARKS.  |
| <b>INCOMPATIBLE MATERIALS</b>             | ACIDS, OXIDIZING AGENTS   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>   | OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLE<br>IN THE EVENT OF FIRE: SEE SECTION 5 |

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## SECTION 11. TOXICOLOGICAL INFORMATION

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### INFORMATION ON TOXICOLOGICAL EFFECTS

|  |  |
|--|--|
| <b>ACUTE TOXICITY</b>                    | LD50 ORAL - RAT - 128 MG/KG<br>INHALATION: NO DATA AVAILABLE<br>LD50 DERMAL - RAT - > 2,000 MG/KG  |
| <b>SKIN CORROSION/IRRITATION</b>         | SKIN - RABBIT<br>RESULT: NO SKIN IRRITATION  |
| <b>SERIOUS EYE DAMAGE/EYE IRRITATION</b> | EYES - RABBIT<br>RESULT: MODERATE EYE IRRITATION   |
| <b>RESPIRATORY OR SKIN SENSITISATION</b> | NO DATA AVAILABLE  |
| <b>GERM CELL MUTAGENICITY</b>            | RESULT: THIS MATERIAL HAS SHOWN A POSITIVE AMES TEST, AN IN VITRO TEST THAT INDICATES A POSSIBLE POTENTIAL TO PRODUCE A CARCINOGENIC EFFECT.<br>HISTIDINE REVERSION (AMES) |
| <b>CARCINOGENICITY</b>                   |  |
| IARC:                                    | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.                    |
| 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:                                     | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP.                                    |



|   |   |
|---|---|
| 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: XU9260000<br>COUGH, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING, MAY CAUSE CYANOSIS., PROLONGED OR REPEATED EXPOSURE CAN CAUSE:, DIZZINESS |

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## SECTION 12. ECOLOGICAL INFORMATION

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|   |   |
|---|---|
| <b>TOXICITY</b>                                     |   |
| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES | EC50 - DAPHNIA MAGNA (WATER FLEA) - 0.75 MG/L - 48 H  |
| <b>PERSISTENCE AND DEGRADABILITY</b>                |   |
| BIODEGRADABILITY                                    | RESULT: - NOT READILY BIODEGRADABLE.  |
| <b>BIOACCUMULATIVE POTENTIAL</b>                    | DOES NOT BIOACCUMULATE.   |
| <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. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**WASTE TREATMENT METHODS**

**PRODUCT** THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.

**CONTAMINATED PACKAGING** DISPOSE OF AS UNUSED PRODUCT.

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**SECTION 14. TRANSPORT INFORMATION**

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**DOT (US)**

PROPER SHIPPING NAME: TOXIC, LIQUIDS, ORGANIC, N.O.S.(4-(Trifluoromethyl)aniline)

UN NUMBER: 2810

CLASS: 6.1

PACKING GROUP: III

REPORTABLE QUANTITY (RQ):

MARINE POLLUTANT: NO

POISON INHALATION HAZARD: NO

**IMDG**

PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S.(4-(Trifluoromethyl)aniline)

UN NUMBER: 2810

CLASS: 6.1

PACKING GROUP: III

EMS-NO: F-A, S-A

MARINE POLLUTANT: YES

**IATA**

PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S.(4-(Trifluoromethyl)aniline)

UN NUMBER: 2810

CLASS: 6.1

PACKING GROUP: III

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**SECTION 15. REGULATORY INFORMATION**

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|   |   |               |
|---|---|---------------|
| <b>SARA 302 COMPONENTS</b>                    | SARA 302: NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.   |               |
| <b>SARA 313 COMPONENTS</b>                    | SARA 313: THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313. |               |
| <b>SARA 311/312 HAZARDS</b>                   | FIRE HAZARD, ACUTE HEALTH HAZARD  |               |
| <b>MASSACHUSETTS RIGHT TO KNOW COMPONENTS</b> | NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT.   |               |
| <b>PENNSYLVANIA RIGHT TO KNOW COMPONENTS</b>  | CAS-NO.   | REVISION DATE |
| 4-(Trifluoromethyl)aniline                    | 455-14-1  |               |
| <b>NEW JERSEY RIGHT TO KNOW COMPONENTS</b>    | CAS-NO.   | REVISION DATE |
| 4-(Trifluoromethyl)aniline                    | 455-14-1  |               |
| <b>CALIFORNIA PROP. 65 COMPONENTS</b>         | THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR ANY OTHER REPRODUCTIVE HARM.  |               |

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**SECTION 16. OTHER INFORMATION**

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**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       |
| EYE IRRIT.      | EYE IRRITATION                 |
| FLAM. LIQ.      | FLAMMABLE LIQUIDS              |
| H227            | COMBUSTIBLE LIQUID             |
| H301            | TOXIC IF SWALLOWED.            |
| H319            | CAUSES SERIOUS EYE IRRITATION. |

**HMIS RATING**

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

**NFPA RATING**

HEALTH HAZARD: 2  
FIRE HAZARD: 2  
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:

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