

ACCURACY SCIENTIFIC INSTRUMENT CO., INC. -- TOLUENE -- 6810-00-840-6318

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Product Identification  
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Product ID:TOLUENE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-840-6318

MSDS Number: BHJGD

=== Responsible Party ===

Company Name:ACCURACY SCIENTIFIC INSTRUMENT CO., INC.

Address:17 PINEY PARK ROAD

City:ASHEVILLE

State:NC

ZIP:23806

Country:US

Info Phone Num:704-251-9092

Emergency Phone Num:704-251

-9092

CAGE:90879

=== Contractor Identification ===

Company Name:A AND M THERMOMETER CORP ACCURACY SCIENTIFIC INSTRUMENTS  
DIV

Address:17 PINEY PARK RD

Box:City:ASHEVILLE

State:NC

ZIP:28806

Country:US

Phone:800-685-9211

CAGE:90879

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Composition/Information on Ingredients  
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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 100%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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= Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 7.53 ML/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INGEST- PULMONARY ASPIRATION HAZARD IF SWALLOWED AND VOMITING OCCURS. EYE- CONTACT MAY CAUSE MODERATE TO SEVERE IRRITATION. INHALE- IRRITATION TO EYES, NOSE, CNS. CHRONIC: INHALE- REPEATED EXCESSIVE EXPOSURES MAY CAUSE CHRONIC, ADVERSE

SYSTEMIC EFFECTS. SKIN- MODERATE IRRITATION AND DEFATTING.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:DIZZINESS, LOSS OF BALANCE AND COORDINATION, UNCONSCIOUSNESS, COMA, RESPIRATORY FAILURE AND DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH. GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:40.0F,4.4C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. FLAMMABLE LIQUID.

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===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION AND FLAMMABLES. ABSORB SPILL ON SAND, EARTH OR VERMICULITE. CAREFULLY SWEEP UP AND REMOVE. ALLOW TO EVAPORATE. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT

CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CAR

TRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. WEAR IMPERVIOUS PROTECTIVE GEAR.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:=111.1C, 232.F

Melt/Freeze Pt:=-95.C, -139.F

Vapor Pres:36.7

Vapor Density:3.14

Spec Gravity:0.87

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS, REFRACTIVE LIQ

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### ===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE AND ASPHYXIANTS. NONE SPECIFIED BY MANUFACTURER.

### ===== Disposal Considerations =====

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE

FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. ATOMIZE

INTO AN INCINERATOR PROVIDING ENVIRONMENTAL REGULATIONS PERMIT.

COMBUSTION MAY BE IMPROVED BY MIXING W/ MORE FLAMMABLE SOLVENT.

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