



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE H0080
PRODUCT NAME 4,5-DIMETHYL-2-ISOBUTYL-3-THIAZOLINE
SUPPLIER Shanghai M & U International Trade Co., Ltd.
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sales@mu-intel.com

FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)

2. HAZARD IDENTIFICATION:

SEE BELOW

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

Molecular Formula: C₉ H₁₇ N S
Molecular Weight: 171.30
CAS#: 65894-83-9
FEMA#: 3621

4. FIRST-AID GUIDE:

Eyes: IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF COLD CLEAN WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.

Skin: WASH WITH SOAP AND WATER. FLUSH WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS CALL A PHYSICIAN.

Inhalation: REMOVE TO FRESH AIR AND CALL A PHYSICIAN IF NECESSARY.

Ingestion: ADMINISTER WATER OR MILK TO DILUTE. CONTACT A PHYSICIAN OR LOCAL POISON CONTROL CENTER IMMEDIATELY. **DO NOT** INDUCE VOMITING.

5. FIRE-FIGHTING GUIDE:

Flash Point (°F): 190 **Method Used: CC**

L.F.L: N/A **U.F.L: N/A**

Extinguishing Media: Carbon Dioxide; Dry Chemical; Universal Type Foam

Special Fire Fighting Procedures: Evacuate unprotected and untrained personnel. Trained firefighting personnel should be equipped with self-contained breathing apparatus and full protective gear.

11. TOXICOLOGICAL INFORMATION:

Carcinogenicity:

NTP: NO OSHA: NO IARC MONOGRAPH: NO

OSHA PEL: NOT ESTABLISHED ACGIH TLV: NOT ESTABLISHED

Health Hazards (Acute and Chronic):

Skin Contact: MAY CAUSE IRRITATION

Inhalation: NOT ESTABLISHED

Eye Contact: MAY CAUSE IRRITATION

Ingestion: NOT ESTABLISHED

Other Effects:

The health hazard information is based on laboratory animal test data for the individual components of this product in their pure form as provided under 29 CFR 1910.1200 (d)(5)(ii). The user should consider the relevancy of this information in a manner consistent with its particular purpose.

12. DISPOSAL RECOMMENDATIONS:

REMOVE ANY SOURCES OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. ABSORB SPILLS ON VERMICULITE OR OTHER SUITABLE ABSORBENT MATERIAL AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

13. TRANSPORTATION INFORMATION:

DOT **NON-REGULATED**

IMDG **NON-REGULATED**

IATA **NON-REGULATED**

14. REGULATORY INFORMATION:

US FEDERAL

HMIS III: PHYSICAL HAZARD: 0

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION: X

TSCA

CAS# 65894-83-9 IS LISTED ON THE TSCA INVENTORY.

HEALTH & SAFETY REPORTING LIST

NONE OF THE CHEMICALS ARE ON THE HEALTH & SAFETY REPORTING LIST.

CHEMICAL TEST RULES

NONE OF THE CHEMICALS IN THIS PRODUCT ARE UNDER A CHEMICAL TEST RULE.

SECTION 12B

NONE OF THE CHEMICALS ARE LISTED UNDER TSCA SECTION 12B.

TSCA SIGNIFICANT NEW USE RULE

NONE OF THE CHEMICALS IN THIS MATERIAL HAVE A SNUR UNDER TSCA.

CERCLA HAZARDOUS SUBSTANCES AND CORRESPONDING RQS
NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ.
SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES
NONE OF THE CHEMICALS IN THIS PRODUCT HAVE A TPQ.
SECTION 313 NO CHEMICALS ARE REPORTABLE UNDER SECTION 313.

CLEAN AIR ACT:

THIS MATERIAL DOES NOT CONTAIN ANY HAZARDOUS AIR POLLUTANTS.
THIS MATERIAL DOES NOT CONTAIN ANY CLASS 1 OZONE DEPLETORS.
THIS MATERIAL DOES NOT CONTAIN ANY CLASS 2 OZONE DEPLETORS.

CLEAN WATER ACT:

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS HAZARDOUS
SUBSTANCES UNDER THE CWA.

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS PRIORITY
POLLUTANTS UNDER THE CWA.

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS TOXIC
POLLUTANTS UNDER THE CWA.

OSHA:

NONE OF THE CHEMICALS IN THIS PRODUCT ARE CONSIDERED HIGHLY
HAZARDOUS BY OSHA.

STATE

CAS# 65894-83-9 IS NOT PRESENT ON STATE LISTS FROM CA, PA, MN, MA, FL, OR
NJ.

CALIFORNIA PROP 65

CALIFORNIA NO SIGNIFICANT RISK LEVEL: NONE OF THE CHEMICALS IN THIS
PRODUCT ARE LISTED.

EUROPEAN/INTERNATIONAL REGULATIONS

EUROPEAN LABELING IN ACCORDANCE WITH EC DIRECTIVES

HAZARD SYMBOLS:

NOT AVAILABLE.

RISK PHRASES:

SAFETY PHRASES:

S 24/25 AVOID CONTACT WITH SKIN AND EYES.

WGK (WATER DANGER/PROTECTION)

CAS# 65894-83-9

CANADA - DSL/NDSL

CAS# 65894-83-9 IS LISTED ON CANADA'S DSL LIST.

CANADA - WHMIS

THIS PRODUCT HAS A WHMIS CLASSIFICATION OF D2B.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD
CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS AND THE MSDS
CONTAINS ALL OF THE INFORMATION REQUIRED BY THOSE REGULATIONS.

CANADIAN INGREDIENT DISCLOSURE LIST

15. OTHER INFORMATION:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy.

