

MATERIAL SAFETY DATA SHEET

Hampford Research, Inc.

SECTION 1. -----CHEMICAL PRODUCT AND COMPANY IDENTIFICATION-----

TLA-454

CHEMICAL FORMULA: Proprietary **CAS NUMBER:** 4482-70-6

CHEMICAL NAME: Tris (2-Methyl-4-Diethylaminophenyl)methane

REVISED: 10/15/2002

MANUFACTURER: Hampford Research, Inc
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Stratford, CT 06615

EMERGENCY TELEPHONE NUMBERS: OFFICE (203) 375-1137
CHEMTREC (800) 424-9300

SECTION 2. -----COMPOSITION / INFORMATION ON INGREDIENTS-----

| COMPONENT | CAS # | % BY WEIGHT | EXPOSURE LIMITS |
|---|-----------|-------------|-----------------|
| Tris (2-Methyl-4-Diethylaminophenyl)methane | 4482-70-6 | 100 | |

SECTION 3. -----HAZARDS IDENTIFICATION-----

EYES: Data not available.

SKIN: Data not available.

SWALLOWING: Data not available.

INHALATION: Data not available.

SECTION 4. -----FIRST AID MEASURES-----

EYE CONTACT:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

SKIN CONTACT:

In case of contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. Wash contaminated clothing before reuse.

INGESTION:

If swallowed, wash out mouth provided person is conscious. Get prompt medical attention.

INHALATION:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5. -----FIRE FIGHTING MEASURES-----

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None expected.

FIRE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Revision Date: 10/15/2002

Page 1 of 4

Chemical Name: Tris (2-Methyl-4-Diethylaminophenyl)methane

Material Safety Data Sheet

SPECIAL FIREFIGHTING INSTRUCTIONS:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6. -----ACCIDENTAL RELEASE MEASURES-----

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Follow site specific work practice instructions for protective equipment.

SPILL CLEANUP MEASURES:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7. -----HANDLING AND STORAGE-----

HANDLING AND STORAGE REQUIREMENTS:

Store in a cool, dry place. Keep container tightly closed.

SECTION 8. -----PERSONAL PROTECTION/EXPOSURE CONTROLS-----

EYE/FACE PROTECTION: Wear safety goggles. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact from airborne material. Eye bath available.

SKIN PROTECTION: Wear appropriate impervious compatible chemical-resistant clothing and gloves. Safety shower available. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

RESPIRATORY PROTECTION: NIOSH/MSHA approved air purifying respirator.

ENGINEERING CONTROLS: Mechanical exhaust required.

SECTION 9. -----PHYSICAL AND CHEMICAL PROPERTIES-----

PHYSICAL STATE: Solid

MELTING POINT: 163°C-165°C

BOILING POINT: N/A

SPECIFIC GRAVITY: N/A

APPEARANCE: Off-white

ODOR: Slight aromatic odor

OTHER: Solubility in water: nil

SECTION 10. -----STABILITY AND REACTIVITY-----

INCOMPATIBILITIES:

Avoid strong oxidizing agents and acids.

HAZARDOUS DECOMPOSITION:

Toxic fumes of nitrogen oxides.

CHEMICAL STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

Revision Date: 10/15/2002

Page 2 of 4

Chemical Name: Tris (2-Methyl-4-Diethylaminophenyl)methane

Material Safety Data Sheet

SECTION 11. -----TOXICOLOGICAL INFORMATION-----

TOXICOLOGICAL EFFECTS:

May be harmful by inhalation, ingestion, or skin absorption. May cause irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12. -----ECOLOGICAL INFORMATION-----

ECOLOGICAL EFFECTS:

Data not yet available.

SECTION 13. -----DISPOSAL INFORMATION-----

WASTE MANAGEMENT PROCEDURES:

Observe all Federal, State and Local environmental regulations.

SECTION 14. -----TRANSPORT INFORMATION-----

TRANSPORTATION INFORMATION:

Contact Hampford Research, Inc. for transportation information.

-----DOT (DOMESTIC SURFACE)-----

PROPER SHIPPING NAME:
HAZARD CLASS OR DIVISION:
UN / NA NUMBER:
PACKING GROUP:
DOT PRODUCT RQ lbs (kgs):
HAZARD LABEL (s):
HAZARD PLACARD (s):

-----IMO / IMDG CODE (OCEAN)-----

PROPER SHIPPING NAME:
HAZARD CLASS DIVISION NUMBER:
UN NUMBER:
PACKAGING GROUP:
HAZARD LABEL (s):
HAZARD PACKARD (s):

-----ICAO / IATA (AIR)-----

PROPER SHIPPING NAME:

Material Safety Data Sheet

HAZARD CLASS DIVISION NUMBER:
UN NUMBER:
SUBSIDIARY RISK:
PACKING GROUP:
HAZARD LABEL (s):
RADIOACTIVE?:
PASSENGER AIR - MAX QTY:
PASSENGER PACKING INSTRUCTION:
CARGO AIR - MAX QTY:
CARGO AIR PACKAGING INSTRUCTION:

SECTION 15. -----REGULATORY INFORMATION-----

REGULATORY INFORMATION:

On TSCA Inventory
January 2001 Inventory Tape.
On DSL
Supplement to Canada Gazette, Part I, January 26, 1991.
On EINECS
Annex to Official Journal of the European Communities, 15 June 1990.
On AICS
Australian Inventory of Chemical Substances, June 1996 Ed

SECTION 16. -----ADDITIONAL INFORMATION-----

ADDITIONAL INFORMATION:

N/A

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hampford Research, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Hampford Research grants permission to make unlimited paper copies for internal use only.

Revision Date: 10/15/2002

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