

MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.
1700 Channel Avenue
Memphis, TN 38113

Emergency Telephone No.
(901) 774-4370
1-800-424-9300 (ChemTrec)

SECTION I – GENERAL INFORMATION

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|-----------------|---------------------------------------|
| TRADE NAME | EPTK 7EC |
| CHEMICAL NAME | EPTC: (S-ethyl dipropylthiocarbamate) |
| CHEMICAL FAMILY | Thiocarbamate |
| EPA REG. NO. | 19713-561 |
| SIGNAL WORD | WARNING |

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

| <u>NAME</u> | <u>CAS NO.</u> | <u>% (by wt.)</u> | <u>TLV</u> | <u>CLASS</u> |
|-------------|----------------|-------------------|------------|--------------|
| EPTC | 759-94-4 | 87.8 | N.K. | H |
| Inerts | N/A | 12.2 | N.K. | NH |

SECTION III – PHYSICAL DATA

| | | | |
|-----------------------|------------------|----------------------------|---|
| <u>Boiling Point</u> | N/A | <u>Specific Gravity</u> | 0.9546 |
| <u>Vapor Pressure</u> | 4.5 Pa @ 25°C | <u>% Volatiles</u> | N.E. |
| <u>Vapor Density</u> | N.E. | <u>Solubility in Water</u> | 375mg/L |
| <u>pH</u> | N/A | <u>Appearance/Odor</u> | Pale yellow to amber liquid, strong odor. |

SECTION IV – FIRE & EXPLOSION DATA

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|--------------------------|---|
| Flash Point | 128°C (open cup); 116°C (closed cup) |
| Extinguishing Media | Foam, carbon dioxide and dry powder. |
| Fire Fighting Procedures | Wear self-contained breathing apparatus and suitable protective clothing. |

SECTION V – REACTIVITY DATA

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|----------------------------------|---|
| Stability | Stable up to 200°C. |
| Conditions to Avoid | Extreme temperatures and open flames. |
| Incompatibility | None Known. |
| Hazardous Decomposition Products | Toxic and irritant oxides of nitrogen, carbon and sulfur. |
| Hazardous Polymerization | Will not occur. |

SECTION VI – HEALTH HAZARD DATA

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| Carcinogenicity | None Known. |
| Toxicity Data | Oral LD50 (Rat) = 1144mg/kg Dermal LD50 (Rat) = 1800mg/kg |
| TLV | N.E. |
| N.F.P.A. | Health: 2, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant) |
| Effects of Overexposure | Causes eye, skin and respiratory passage irritation. May cause headache, dizziness, numbness, nausea, incoordination, or other central nervous system effects. |

SECTION VII – EMERGENCY PROCEDURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. This product contains EPTC, a thiocarbamate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

SECTION VIII – SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Collect spilled material by soaking it into sand, earth or other suitable material. Do not empty into drains or in any surface water, dispose of this material and its container at hazardous or special waste collection point.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

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| Respiratory Protection | NIOSH approved respirator. |
| Ventilation | Local exhaust. |
| Protective Gloves | Chemical resistant gloves. |
| Eye Protection | Safety goggles. |
| Other | Wear suitable protective clothing, chemical resistant boots. |

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Keep containers closed when not in use. Keep away from food, drink and animal feeding stuff. Keep away from sources of heat or open flame. Avoid storage at temperatures below -10°C. Toxic to fish.

| | |
|---------------------|--|
| Freight Description | Agricultural Herbicide, Liquid, N.O.S. |
| Reportable Quantity | N/A |
| ERG Guide | 111 |

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

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