



## MATERIAL SAFETY DATA SHEET

2,5-DICHLOROTHIOPHENE

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:  
2,5-DICHLOROTHIOPHENE

Code No. : P2044  
Name : 2,5-DICHLOROTHIOPHENE  
Mol. Weight : 153.030  
Mol. Formula : C4H2Cl2S

Company Information:  
LEONID CHEMICALS  
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb  
Ashokpuram School Road  
Bangalore-560 022, Karnataka, INDIA  
Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS # : 3172-52-9  
MF : C4H2CL2S  
EC NO : 221-638-8

### SECTION 3- HAZARDS IDENTIFICATION

LABEL PRECAUTIONARY STATEMENTS COMBUSTIBLE.

### SECTION 4- FIRST AID MEASURES

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

### SECTION 5- FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA :  
WATER SPRAY.  
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING  
TO  
PREVENT CONTACT WITH SKIN AND EYES.  
UNUSUAL FIRE AND EXPLOSIONS HAZARDS  
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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#### SECTION 6- ACCIDENTAL RELEASE MEASURES

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EVACUATE AREA:

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

COVER WITH AN ACTIVATED CARBON ADSORBENT, TAKE UP AND PLACE IN CLOSED CONTAINERS. TRANSPORT OUTDOORS.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

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#### SECTION 7 - HANDLING and STORAGE

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REFER TO PART 8

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#### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT

GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

SAFETY SHOWER AND EYE BATH.

USE ONLY IN A CHEMICAL FUME HOOD.

DO NOT BREATHE VAPOR.

AVOID CONTACT AND INHALATION.

AVOID PROLONGED OR REPEATED EXPOSURE.

KEEP TIGHTLY CLOSED.

KEEP AWAY FROM HEAT AND OPEN FLAME.

REFRIGERATE.

REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

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#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR

COLORLESS LIQUID

PHYSICAL PROPERTIES

BOILING POINT : 162 C

FLASHPOINT : 139 F

SPECIFIC GRAVITY : 1.442

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#### SECTION 10 - STABILITY AND REACTIVITY

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INCOMPATIBILITIES

STRONG BASES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

SULFUR OXIDES

HYDROGEN CHLORIDE GAS

## HYDROGEN SULFIDE GAS

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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#### ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
MAY CAUSE IRRITATION.

#### EXPOSURE CAN CAUSE:

NAUSEA, HEADACHE AND VOMITING

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

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### SECTION 12 - ECOLOGICAL INFORMATION

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DATA NOT AVAILABLE

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### SECTION 13 - DISPOSAL CONSIDERATIONS

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THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR  
EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL ENVIRONMENTAL REGULATIONS.

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### SECTION 14 - TRANSPORT INFORMATION

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#### IATA

SHIPPING NAME	:	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S
HAZARD CLASS	:	6.1
UN NUMBER	:	2929
PACKING GROUP	:	II

#### IMDG

SHIPPING NAME	:	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S
HAZARD CLASS	:	6.1
UN NUMBER	:	2929
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#### RID/ADR

SHIPPING NAME	:	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S
UN NUMBER	:	2929

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### SECTION 15 - REGULATORY INFORMATION

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DATA NOT AVAILABLE

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### SECTION 16 - ADDITIONAL INFORMATION

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THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SAREX OVERSEAS SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.