

**MATERIAL SAFETY DATA SHEET**

Printed: 9/10/08

ETHYLDIISOPROPYLAMINE**PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ARKEMA CANADA INC.
700 THIRD LINE
OAKVILLE, ONTARIO
L6J 5A3

EMERGENCY PHONE NUMBER: (905) 827-9841 (ARKEMA)
(613) 996-6666 (CANUTEC)

PRODUCT IDENTIFIER: ETHYLDIISOPROPYLAMINE
PRODUCT CODE: ORG0124
PRODUCT USE: CHEMICAL INTERMEDIATE
WHMIS CLASSIFICATION: B2 - FLAMMABLE LIQUID.
D1B - TOXIC MATERIAL CAUSING IMMEDIATE AND SERIOUS
TOXIC EFFECTS.
D2B - TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS

HAZARDOUS INGREDIENTS

	%W/W	CAS #	TLV
ETHYLDIISOPROPYLAMINE LD50: > 200 MG/KG < 2,000MG/KG (ORAL-RATS)	100	7087-68-5	NE

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):
NA

PHYSICAL DATA

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: COLOURLESS TO LIGHT YELLOW LIQUID, WITH STRONG AMINE
ODOUR.
ODOUR THRESHOLD: NE
SPECIFIC GRAVITY/DENSITY (G/ML): 0.75 @ 22°C
VAPOUR PRESSURE: 12 MM HG (25°C)
VAPOUR DENSITY (AIR=1): NE
VOLATILITY/VOL(%): NE
SOLUBILITY IN H2O: 0.36%
EVAPORATION RATE: NE
BOILING POINT: 127°C
FREEZING POINT: -50°C
PH: ALKALINE
LOG KOW: LOG POW= 2.39

SHIPPING INFORMATION

UN 1992, 3(6.1), PG II, ETHYLDIISOPROPYLAMINE

FIRE AND EXPLOSION HAZARD

FLAMMABILITY: FLAMMABLE.
CONDITIONS: HEAT, SPARKS, OPEN FLAME.
MEANS OF EXTINCTION: WATER MAY BE INEFFECTIVE. CARBON DIOXIDE, FOAM OR
DRY CHEMICAL.
FLASHPOINT: 12 °C (54 °F) (SETA CC)
UPPER EXPLOSION LIMIT (% V): 17
LOWER EXPLOSION LIMIT (%V): 3

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

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AUTO-IGNITION TEMPERATURE: 524°C
HAZARDOUS COMBUSTION PRODUCTS: NITRILES, CYANIDES
EXPLOSION DATA: NA
SENSITIVITY TO IMPACT: NO
SENSITIVITY TO STATIC DISCHARGE: YES

REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS, PERCHLORATES, NITRATES, NITRITE, PEROXIDES, STRONG ACIDS
CONDITIONS OF REACTIVITY: NE
HAZARDOUS DECOMPOSITION PRODUCTS: AMMONIA AND OXIDES OF NITROGEN AND CARBON

HEALTH HAZARD INFORMATION

ROUTE OF ENTRY
SKIN CONTACT: MAY CAUSE IRRITATION
SKIN ABSORPTION: NE
EYE: MAY CAUSE IRRITATION
INGESTION: MAY BE HARMFUL
INHALATION: MAY CAUSE SEVERE IRRITATION.
ACUTE OVER EXPOSURE EFFECTS: HIGH VAPOUR CONCENTRATIONS MAY RESULT IN CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS HEADACHE, DIZZINESS, NAUSEA, DROWSINESS AND LOSS OF CONSCIOUSNESS
CHRONIC OVER EXPOSURE EFFECTS: NE
SENSITIZATION: DOES NOT MEET WHMIS CRITERIA.
CARCINOGENICITY: DOES NOT MEET WHMIS CRITERIA.
TERATOGENICITY: DOES NOT MEET WHMIS CRITERIA.
MUTAGENICITY: DOES NOT MEET WHMIS CRITERIA.
REPRODUCTIVE TOXICITY: DOES NOT MEET WHMIS CRITERIA.

PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: WEAR SAFETY GOGGLES AND USE IMPERVIOUS, BUTYL RUBBER, GLOVES. AN NIOSH APPROVED RESPIRATOR IS RECOMMENDED. WEAR CHEMICAL RESISTANT PROTECTIVE CLOTHING.
SPECIFIC ENGINEERING CONTROLS: LOCAL EXHAUST IS RECOMMENDED.
LEAK AND SPILL PROCEDURES: SOAK UP WITH AN INERT ABSORBENT MATERIAL AND PLACE IN A CLOSED CONTAINER.
WASTE DISPOSAL: HAZARDOUS WASTE. DO NOT ALLOW PRODUCT TO ENTER THE ENVIRONMENT. CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.
HANDLING PROCEDURES AND EQUIPMENT: AVOID BREATHING VAPOUR OR MIST. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. WHEN TRANSFERRING FROM CONTAINERS, GROUND AND BOND BOTH CONTAINERS. WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.
STORAGE REQUIREMENTS: KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA. STORE AT TEMPERATURES BELOW

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ETHYLDIISOPROPYLAMINE50° C, OUT OF DIRECT SUNLIGHT. STORE AWAY FROM
OXIDIZERS AND REACTIVE MATERIALS.**FIRST AID MEASURES**

EYE	FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
SKIN	WASH SKIN WITH PLENTY OF WATER AND SOAP. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
INGESTION	DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.
INHALATION	REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION.

PREPARATION DATE

PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	09/05/08
DATE REVISED (MM/DD/YY):	09/05/08

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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