



Sarex Overseas

(A Divn. Of Saraf Chemicals Ltd.)

501 Waterford C Wing, C.D.Bariwala Marg(Juhu Lane), Andheri (W), Mumbai-400 058. INDIA

Phone : (91-22) 4218 4218 Fax: (91-22) 4218 4350

Email: fchem@sarex.com URL: www.sarex.com

MATERIAL SAFETY DATA SHEET

1,2,4-TRIAZOLO[4,3-A]PYRIDIN-3(2H)-ONE

1 PART 1. IDENTIFICATION OF SUBSTANCE

Trade Name : 1,2,4-TRIAZOLO[4,3-A]PYRIDIN-3(2H)-ONE

2 PART 2 ----- COMPOSITION, INFORMATION ON INGREDIENTS-----

CAS NO. : 6969-71-7

CHEMICAL NAME: 1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one

%

EINECS NO. : 230-191-8

HAZARD SYMBOLS: Xi

RISK PHRASES: 36/37/38

3 PART 3 ----- HAZARDS IDENTIFICATION-----

EMERGENCY OVERVIEW

HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.

POTENTIAL HEALTH EFFECTS

EYE: MAY CAUSE EYE IRRITATION.

SKIN: MAY CAUSE SKIN IRRITATION. HARMFUL IF ABSORBED THROUGH THE SKIN.

INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

INHALATION: HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION.

CHRONIC:

4 PART 4 -----FIRST AID MEASURES-----

EYES: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. GET MEDICAL AID.

SKIN: GET MEDICAL AID. FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

INGESTION: GET MEDICAL AID. WASH MOUTH OUT WITH WATER.

INHALATION: REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY.

IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID.

NOTES TO PHYSICIAN:

5 PART 5 ----- FIRE FIGHTING MEASURES-----



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GENERAL INFORMATION: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.

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

6 PART 6 - -----ACCIDENTAL RELEASE MEASURES-----

GENERAL INFORMATION: USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN PART 8.

SPILLS/LEAKS: VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL CONTAINER. ISOLATE AREA AND DENY ENTRY.

7 PART 7 -----HANDLING AND STORAGE -----

HANDLING: AVOID BREATHING DUST, VAPOR, MIST, OR GAS. AVOID CONTACT WITH SKIN AND EYES.

STORAGE: STORE IN A COOL, DRY PLACE. STORE IN A TIGHTLY CLOSED CONTAINER.

8 PART 8 -----EXPOSURE CONTROLS, PERSONAL PROTECTION-----

ENGINEERING CONTROLS:

USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS LOW.

EXPOSURE LIMITS

CAS NO. 6969-71-7:

PERSONAL PROTECTIVE EQUIPMENT

EYES: WEAR CHEMICAL SPLASH GOGGLES.

SKIN: WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN EXPOSURE.

CLOTHING: WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

RESPIRATORS: FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29 CFR 1910.134 OR EUROPEAN STANDARD EN 149. USE A NIOSH/MSHA OR EUROPEAN STANDARD EN 149 APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED OR IF IRRITATION OR OTHER SYMPTOMS ARE EXPERIENCED.

9 PART 9 -----PHYSICAL AND CHEMICAL PROPERTIES-----



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PHYSICAL STATE: SOLID
COLOR: WHITE
ODOR: NOT AVAILABLE
PH: NOT AVAILABLE
VAPOR PRESSURE: NOT AVAILABLE
VISCOSITY: NOT AVAILABLE
BOILING POINT: NOT AVAILABLE
MELTING POINT: 233-235°C
AUTOIGNITION TEMPERATURE: NOT AVAILABLE
FLASH POINT: NOT AVAILABLE
EXPLOSION LIMITS: LOWER: NOT AVAILABLE
EXPLOSION LIMITS: UPPER: NOT AVAILABLE
DECOMPOSITION TEMPERATURE: NOT AVAILABLE

10 PART 10 -----STABILITY AND REACTIVITY-----

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
CONDITIONS TO AVOID: INCOMPATIBLE MATERIALS.
INCOMPATIBILITIES WITH OTHER MATERIALS STRONG OXIDIZING AGENTS,
STRONG BASES.
HAZARDOUS DECOMPOSITION PRODUCTS HYDROGEN CHLORIDE, NITROGEN OXIDES,
CARBON MONOXIDE, CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION HAS NOT BEEN REPORTED.

11 PART 11 -----TOXICOLOGICAL INFORMATION -----

RTECS NO.: CAS NO. 6969-71-7: NONE LISTED

LD50/LC50: RTECS: NOT AVAILABLE.
CARCINOGENICITY: 1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one
- NOT LISTED AS A CARCINOGEN BY ACGIH, IARC, NTP, OR CA PROP 65.

OTHER: THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN FULLY INVESTIGATED.

12 PART 12 ----- ECOLOGICAL INFORMATION-----

NOT AVAILABLE

13 PART 13 ----- DISPOSAL CONSIDERATIONS-----

DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL
REGULATIONS.



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14 PART 14 ----- TRANSPORT INFORMATION-----

IATA
NOT REGULATED AS A HAZARDOUS MATERIAL.
IMO
NOT REGULATED AS A HAZARDOUS MATERIA.
RID/ADR
NOT REGULATED AS A HAZARDOUS MATERIAL.

15 PART 15 ----- REGULATORY INFORMATION -----

EUROPEAN/INTERNATIONAL REGULATIONS
EUROPEAN LABELING IN ACCORDANCE WITH EC DIRECTIVES
HAZARD SYMBOLS: XI
RISK PHRASES:
R 36/37/38 - IRRITATING TO EYES, RESPIRATORY SYSTEM & SKIN.
SAFETY PHRASES:
S 26 - IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
37 - WEAR SUITABLE GLOVES.
WGK (WATER DANGER/PROTECTION)
CAS NO. 6969-71-7: SLIGHTLY HAZARDOUS FOR WATETR
CANADA
US FEDERAL
TSCA
CAS NO. 6969-7 NOT LISTED ON THE TSCA INVENTORY. IT IS FOR RESEARCH AND DEVELOPMENT USE ONLY.

16 PART 16.----- Other Information-----



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AUTHORISED SIGNATORY

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