

JAN 28 1992

DATE 1/20/92

MATERIAL SAFETY DATA SHEET

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SECTION I - GENERAL INFORMATION

(REORDER PRODUCT BY THIS NO.)

CATALOG NO 49085

PRODUCT NAME ATRAZINE

DATA SHEET NO R427058

ATRAZINE

CHEMICAL NAME 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYL-ETHYL)-

FORMULA C6H14CLN5

FORMULA WEIGHT 191.5

CAS 1912-24-9 NRTECS XY5600000

SYNONYM 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-5-TRIAZINE

MANUFACTURER SUPELCO INC. PHONE 814-359-3441

ADDRESS SUPELCO PARK, BELLEFONTE, PA 16823-0048

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

CHEMICAL NAME

COMMON NAME - PERCENTAGE - CAS #

(FORMULA) - PEL(UNITS) - TLV(UNITS)

LD50 VALUE - CONDITIONS

N/A

SECTION III - PHYSICAL DATA

BOILING POINT N/A

MELTING POINT 175 C

VAPOR PRESSURE N/A

VAPOR DENSITY N/A

SPECIFIC GRAVITY N/A

PERCENT VOLATILE BY VOLUME 0

WATER SOLUBILITY N/A

EVAPORATION RATE N/A

APPEARANCE CLEAR COLORLESS CRYSTALS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N/A

FLAMMABLE LIMITS LEL N/A UEL N/A

EXTINGUISHING MEDIA

CO2

DRY CHEMICAL

ALCOHOL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES

WEAR SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING A CHEMICAL FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

THE FOLLOWING TOXIC VAPORS ARE FORMED WHEN THIS MATERIAL IS HEATED TO DECOMPOSITION.

HCL, OXIDES OF NITROGEN.

SECTION V - HEALTH HAZARD DATA

LD50 1750

MG/KG ORAL RAT

TLV 5

MG/M3

PEL 5

MG/M3

EMERGENCY AND FIRST AID PROCEDURES

EYES

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SECTION V - HEALTH HAZARD DATA

\* CONTINUED \*

FLUSH EYES WITH WATER FOR 15 MINUTES.

SKIN

PROMPTLY WASH SKIN WITH MILD SOAP AND LARGE VOLUMES OF WATER.

INHALATION

IMMEDIATELY MOVE TO FRESH AIR.

INGESTION

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

NEVER TRY TO MAKE AN UNCONSCIOUS PERSON VOMIT

CONTACT A PHYSICIAN.

EFFECTS OF OVEREXPOSURE

DERMATITIS

SECTION VI - REACTIVITY DATA

STABILITY STABLE.

CONDITIONS TO AVOID

N/A

INCOMPATIBILITY

STRONG ACIDS

STRONG BASES

HAZARDOUS DECOMPOSITION PRODUCTS

HCL, OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID

N/A

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SWEEP UP MATERIAL.

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SECTION VII - SPILL OR LEAK PROCEDURES

\* CONTINUED \*  
AVOID GENERATING DUST.

WASTE DISPOSAL METHOD

COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE)

N/A

PROTECTIVE GLOVES

WEAR GLOVES.

EYE PROTECTION

WEAR PROTECTIVE GLASSES.

VENTILATION

USE ONLY IN WELL VENTILATED AREA.

SPECIAL

N/A

OTHER PROTECTIVE EQUIPMENT

N/A

SECTION IX - SPECIAL PRECAUTIONS

STORAGE AND HANDLING

STORE IN SEALED CONTAINER IN COOL, DRY LOCATION.  
KEEP AWAY FROM ACIDS.  
KEEP AWAY FROM BASES.  
AVOID GENERATING DUST.

OTHER PRECAUTIONS

AVOID EYE OR SKIN CONTACT.

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LAST REVISED 1/12/90