

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD:

NEGLIGIBLE FIRE AND EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME.

FLASH POINT: COMBUSTIBLE

FIREFIGHTING MEDIA:

DRY CHEMICAL OR CARBON DIOXIDE

(1984 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.3).

FOR LARGER FIRES, USE WATER SPRAY, FOG OR ALCOHOL FOAM

(1984 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.3).

FIREFIGHTING:

NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS; KEEP UPWIND.

TOXICITY

CARCINOGEN STATUS: NONE.

FUCHSIN, ACID IS IRRITATING TO THE EYES, SKIN, MUCOUS MEMBRANES, AND RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED. AVOID BREATHING DUST.

HEALTH EFFECTS AND FIRST AID

INHALATION:

ACUTE EXPOSURE- NO DATA AVAILABLE. MAY BE IRRITATING TO MUCOUS MEMBRANES.

CHRONIC EXPOSURE- NO DATA AVAILABLE.

FIRST AID- REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP AFFECTED PERSON WARM AND AT REST. GET MEDICAL ATTENTION.

SKIN CONTACT:

ACUTE EXPOSURE- NO DATA AVAILABLE. MAY BE IRRITATING TO THE SKIN.

CHRONIC EXPOSURE- NO DATA AVAILABLE. MAY CAUSE DERMATITIS.

FIRST AID- REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS (APPROXIMATELY 15-20 MINUTES). GET MEDICAL ATTENTION.

EYE CONTACT:

IRRITANT.

ACUTE EXPOSURE- PARTICULATES IN THE EYE MAY CAUSE IRRITATION, LACRIMATION, AND CONJUNCTIVITIS.

CHRONIC EXPOSURE- CONJUNCTIVITIS MAY OCCUR.

****FUCHSIN ACID****
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MATERIAL SAFETY DATA SHEET

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SUBSTANCE IDENTIFICATION

CAS-NUMBER 3244-88-0

SUBSTANCE: ****FUCHSIN ACID****

TRADE NAMES/SYNONYMS: 2-AMINO-5-((4-AMINO-3-SULFOPHENYL)(4-IMINO-3-SULFO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-3-METHYLBENZENE SULFONIC ACID DISODIUM SALT; C.I.ACID VIOLET 19; C.I. 42685; ACID MAGENTA; ACID RUBIN; ACID ROSEINE; FUSHINE ACID; F-97

CHEMICAL FAMILY:
HALOGEN COMPOUND, AROMATIC

MOLECULAR FORMULA: C20-H17-N3-NA2-O9-S3 MOL WT: 585.54

CERCLA RATINGS (SCALE 0-3): HEALTH=1 FIRE=0 REACTIVITY=0 PERSISTENCE=1

COMPONENTS AND CONTAMINANTS

PERCENT: 100 COMPONENT: FUCHSIN, ACID

OTHER CONTAMINANTS: NONE

EXPOSURE LIMITS:
NONE ESTABLISHED

PHYSICAL DATA

DESCRIPTION: OLIVE TO DARK OLIVE-GREEN COARSE POWDER OR CRYSTALS PH: ACIDIC
SOLUBILITY IN WATER: 14% SOLVENT SOLUBILITY: ALCOHOL

FIRST AID- WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING THE UPPER AND LOWER LIDS, UNTIL NO EVIDENCE OF CHEMICAL REMAINS (APPROXIMATELY 10-20 MINUTES). GET MEDICAL ATTENTION.

INGESTION:
IRRITANT.

ACUTE EXPOSURE- IF THE CHEMICAL IS INGESTED MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

CHRONIC EXPOSURE- NONE REPORTED IN HUMANS.

FIRST AID- IF PERSON IS CONSCIOUS, GIVE LARGE AMOUNTS OF WATER OR MILK IMMEDIATELY AND INDUCE VOMITING. DO NOT MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK ANYTHING. MAINTAIN BLOOD PRESSURE, AIRWAY AND GIVE OXYGEN IF RESPIRATION IS DEPRESSED. GET MEDICAL ATTENTION. ADMINISTRATION OF OXYGEN IS BEST PERFORMED BY MEDICAL PERSONNEL.

FIRST AID- IF VICTIM IS CONSCIOUS, IMMEDIATELY GIVE 2 TO 4 GLASSES OF WATER, AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. GET MEDICAL ATTENTION IMMEDIATELY.

REACTIVITY

REACTIVITY:

STABLE AT ORDINARY PRESSURES AND TEMPERATURES. REACTS VIOLENTLY WITH STRONG OXIDIZERS OR ACIDS.

INCOMPATIBILITIES:

STRONG OXIDIZERS AND STRONG ACIDS.

DECOMPOSITION:

THERMAL DECOMPOSITION MAY RELEASE TOXIC OXIDES OF NITROGEN.

THERMAL DECOMPOSITION PRODUCTS INCLUDE HIGHLY TOXIC FUMES OF SULFUR OXIDES.

POLYMERIZATION:

NOT KNOWN TO OCCUR.

CONDITIONS TO AVOID

CONTACT WITH OR STORAGE WITH STRONG OXIDANTS OR ACIDS.

SPILL AND LEAK PROCEDURES

OCCUPATIONAL SPILL:

ABSORB WITH VERMICULITE OR OTHER SUITABLE MATERIAL, SCOOP UP AND PLACE IN A SUITABLE CONTAINER (FIBER BOARD OR PLASTIC) FOR LATER DISPOSAL.

PROTECTIVE EQUIPMENT

VENTILATION:

PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION SYSTEM.

RESPIRATOR:

HIGH LEVELS- DUST MASK.

FIREFIGHTING- SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE-PIECE
OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

CLOTHING:

EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT
REPEATED OR PROLONGED SKIN CONTACT WITH THIS SUBSTANCE.

GLOVES:

EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT CONTACT WITH THIS
SUBSTANCE.

EYE PROTECTION:

EMPLOYEE MUST WEAR SPLASH-PROOF OR DUST-RESISTANT SAFETY GOGGLES AND A
FACESHIELD TO PREVENT CONTACT WITH THIS SUBSTANCE.

WHERE THERE IS ANY POSSIBILITY THAT AN EMPLOYEE'S EYES MAY BE EXPOSED TO
THIS SUBSTANCE, THE EMPLOYER SHALL PROVIDE AN EYE-WASH FOUNTAIN WITHIN THE
IMMEDIATE WORK AREA FOR EMERGENCY USE.

AUTHORIZED - ALLIED FISHER SCIENTIFIC

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