M A T E R I A L  S A F E T Y  D A T A  S H E E T

SECTION 1. - - - - - - - - - CHEMICAL IDENTIFICATION- - - - - - - - - -
CATALOG #: P2395
NAME: PONCEAU 2R

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - - -
CAS #: 3761-53-3
MF: C18H14N2Na2O7S2
EC NO: 223-178-3
SYNONYMS
ACETACID RED J * ACIDAL PONCEAU G * ACID LEATHER RED KPR * ACID LEATHER RED P2R * ACID LEATHER SCARLET IRW * ACID PONCEAU R * ACID PONCEAU 2RL * ACID PONCEAU SPECIAL * ACID RED 26 * ACID SCARLET * ACID SCARLET 2B * ACID SCARLET 2BN * ACID SCARLET 2R * ACID SCARLET 2R FOR LAKES * ACID SCARLET 2R FOR LAKES BLUSH * ACID SCARLET 2RL * AICLAN PONCEAU RRL * AHCOCID FAST SCARLET R * AIZEN PONCEAU RH * AMACID LAKE SCARLET 2R * AMACID SCARLET 2R * BRILLIANT PONCEAU G * CALCOCID 2RIL * CALCOCID SCARLET 2R * CALCOCID SCARLET 2RIL * CALCOLAKE SCARLET 2R * CERTICOL PONCEAU MXS * CERVEN KYSELA 26 (CZECH) * CERVEN POTRAVINSKA 5 (CZECH) * C.I. 79 * C.I. 16150 * C.I. ACID RED 26 * C.I. ACID RED 26, DISODIUM SALT * C.I. FOOD RED 5 * COLACID PONCEAU SPECIAL * COMACID SCARLET 2R * D&C RED NO. 5 * 4-((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENE-3,6-DISULFONIC ACID, DISODIUM SALT * 4-(((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENE-3,6-DISULFONIC ACID, DISODIUM SALT * DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULFONATE * DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULFONATE * DISODIUM SALT OF 1-(2,4-XYLILAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID * DISODIUM SALT OF 1-(2,4-XYLILAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID * EDICOL PONCEAU RS * EDICOL SUPRA PONCEAU R * FENAZO SCARLET 2R * FOOD RED NO. 101 * HEXACOL PONCEAU MX * HEXACOL PONCEAU 2R * HIDACID SCARLET 2R * HISPACID PONCEAU R * 3-HYDROXY-4-(2,4-XYLILAZO)-3,7-NAPHTHALENE-3,6-DISULFONIC ACID, DISODIUM SALT * JAVA PONCEAU 2R * KITON PONCEAU R * KITON PONCEAU 2R * KITON SCARLET 2RC * LAKE PONCEAU * LAKE SCARLET R * LAKE SCARLET 2RBN * NAPHTHALENE LAKE SCARLET R * NAPHTHALENE SCARLET R * NAPHTHALENE SCARLET R * NAPHTHALENE SCARLET R * NEKLABID RED RR * NEW PONCEAU 4R * PAPER RED HRR * PAS KWASOWY 2 R (POLISH) * PIGMENT PONCEAU R * PONCEAU BNA * PONCEAU DE XYLIDINE * PONCEAU FR * PONCEAU G * PONCEAU GR * PONCEAU J * PONCEAU MX * PONCEAU NR * PONCEAU PXM * PONCEAU R * PONCEAU 2R * PONCEAU R (BIOLOGICAL STAIN) * PONCEAU 2R (BIOLOGICAL STAIN) * PONCEAU 2R * PONCEAU RED D * PONCEAU RED R * PONCEAU 2RE * PONCEAU 2RL * PONCEAU RS * PONCEAU RR * PONCEAU RR TYPE 8019 * PONCEAU 2RX * PONCEAU XYLIDINE (BIOLOGICAL STAIN) * 1695 RED * RED FOR LAKES J * RED NO. 503 * SCARLET 2R * SCARLET 2RB * SCARLET 2RL BLUSH * SCARLET RRA * SCHULTZ NO. 95 * TERTRACID PONCEAU 2R * XYLIDINE PONCEAU * XYLIDINE PONCEAU 3RS * XYLIDINE RED * 1-XYLILAZO-2-NAPHTHOL-3,6-DISULFONIC ACID, DISODIUM SALT * 1-(2,4-) TjETBT/PjCourier 10

SECTION 3. - - - - - - - - - - HAZARDS IDENTIFICATION - - - - - - - - -
LABEL PRECAUTIONARY STATEMENTS
HARMFUL
LIMITED EVIDENCE OF CARCINOGENIC EFFECT.
POSSIBLE CARCINOGEN (US)
TARGET ORGAN(S):
LIVER
CALIF. PROP. 65 CARCINOGEN.
WEAR SUITABLE PROTECTIVE CLOTHING.

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 BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. - - - - - - - - - - FIRE FIGHTING MEASURES - - - - - - - - - -
EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6. - - - - - - - - - - ACCIDENTAL RELEASE MEASURES- - - - - - - - - -
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - - - - - - HANDLING AND STORAGE- - - - - - - - - -
REFER TO SECTION 8.

SECTION 8. - - - - - - - - - - EXPOSURE CONTROLS/PERSOAL PROTECTION- - - - - - - -
SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
WASH THOROUGHLY AFTER HANDLING.
AVOID INHALATION.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - - - - -
DATA NOT AVAILABLE

SECTION 10. - - - - - - - - - - STABILITY AND REACTIVITY - - - - - - - -
STABLE.
INCOMPATIBILITIES
STRONG ACIDS
STRONG BASES
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

SECTION 11. - - - - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - - -
ACUTE EFFECTS
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
MAY CAUSE EYE IRRITATION.
MAY BE HARMFUL IF INHALED.
MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
MAY BE HARMFUL IF SWALLOWED.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

CHRONIC EFFECTS
THIS PRODUCT IS OR CONTAINS A COMPONENT THAT HAS BEEN REPORTED TO BE POSSIBLY CARCINOGENIC BASED ON ITS IARC, ACGIH, NTP OR EPA CLASSIFICATION.

TARGET ORGAN(S):
LIVER

RTECS #: QJ6825000
2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-4-(2,4-XYLYLAZO)-, DISODIUM SALT

TOXICITY DATA
ORL-RAT LD50: 23160 MG/KG                      BCTKAG 21,65,1988
IPR-RAT LD50: >1 GM/KG                         FCTXAV 4,375,1966
ORL-MUS LD50: >6600 MG/KG                      SRTCAC 36(1-4),10,1989
IPR-MUS LD50: 2 GM/KG                          FCTXAV 4,375,1966
IVN-MUS LD50: 1530 MG/KG                       SRTCAC 36(1-4),10,1989

TARGET ORGAN DATA
BEHAVIORAL (SOMNOLENCE)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
BEHAVIORAL (ANTIPSYCHOTIC)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12. - - - - - - - - - ECOLOGICAL INFORMATION - - - - - - - - -
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - - - - - DISPOSAL CONSIDERATIONS - - - - - - - - -
CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - - - - - TRANSPORT INFORMATION - - - - - - - - -
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - - - - - REGULATORY INFORMATION - - - - - - - - -
EUROPEAN INFORMATION
HARMFUL
R 40
LIMITED EVIDENCE OF CARCINOGENIC EFFECT.
S 36
WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS
OEL=MAK
IARC CANCER REVIEW: ANIMAL SUFFICIENT EVIDENCE IMEMDT 8,189,1975
IARC CANCER REVIEW: HUMAN NO ADEQUATE DATA IMEMDT 8,189,1975
IARC CANCER REVIEW: GROUP 2B IMSUDL 7,56,1987
NOHS 1974: HZD M3143; NIS 4; TNF 212; NOS 6; TNE 2142
NOES 1983: HZD M3143; NIS 3; TNF 131; NOS 4; TNE 1200; TFE 874
EPA GENETOX PROGRAM 1988, POSITIVE: CARCINOGENICITY-MOUSE/RAT
EPA GENETOX PROGRAM 1988, NEGATIVE: B SUBTILIS REC ASSAY
EPA GENETOX PROGRAM 1988, INCONCLUSIVE: B SUBTILIS REC ASSAY; HISTIDINE REVERSION-AMES TEST
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

U.S. INFORMATION
THIS PRODUCT IS SUBJECT TO SARA SECTION 313 REPORTING REQUIREMENTS.
THIS PRODUCT IS OR CONTAINS CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 16. - - - - - - - - - OTHER INFORMATION-- - - - - - - - - -
THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA, ALDRICH, FLUKA SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

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