MATERIAL SAFETY DATA SHEET

SECTION 1. - - - - - - - - - CHEMICAL IDENTIFICATION- - - - - - - - - -
CATALOG #: 32602
NAME: ALIZARIN YELLOW R (CI 14030)

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - - -
CAS #: 2243-76-7
MF: C13H9N3O5
EC NO: 218-818-3
SYNONYMS
ACID ALIZARIN YELLOW R * ALIZARINE CHROME ORANGE G * ALIZARINE ORANGE 2GN * ALIZARINE ORANGE R * ALIZARINE ORANGE RD * ALIZARINE YELLOW F * ALIZARINE YELLOW R (INDICATOR) * ALIZARINE YELLOW R-CF * ALIZARINE YELLOW RW * ALIZARINE ORANGE * C.I. MORDANT ORANGE 1 * ALIZAROL ORANGE R * ALPHACROIC ORANGE R * ANTHRANOL CHROME YELLOW R *
AZOCHROMAL ORANGE R * BENZOIC ACID, 2-HYDROXY-5-((4-NITROPHENYL)AZO)- *
BRASILIAN CHROME ORANGE R * CALCOCHROME ORANGE R * CHROMACID ORANGE S *
CHROME FAST ORANGE RW * CHROME ORANGE MR * CHROME ORANGE N *
CHROME ORANGE R * CHROME ORANGE RLE * CHROME YELLOW 3RN * CHROMOL ORANGE R EXTRA * C.I. 14030 * DIAMOND CHROME YELLOW 3R * DURACROM YELLOW 2RN * ENIACROM ORANGE R * ERIOCHROME ORANGE AOR * FENAKROM ORANGE R * HIDACHROME ORANGE R * HISPARCROM ORANGE R * JAVA CHROME YELLOW 3R *
JAVA UNICHROME YELLOW 3R * KCA CHROME ORANGE R *
KENACHROME ORANGE * LIGHHOUSE CHROME ORANGE * MAGRACROM ORANGE *
METACHROME ORANGE R * MITSUI CHROME ORANGE A * MITSUI CHROME ORANGE AN *
MONOCHROME ORANGE R * MONOCHROME YELLOW 3R * PARA-NITROBENZENEAZOSALICYLIC ACID * ORTHOCHROME ORANGE R * PEERACHROME YELLOW R * PNBS * PONTACROM ORANGE YELLOW 3RN * SOLOCHROME ORANGE M *
SYNCHROME ORANGE AOR * TERRACOTTA 2RN * TERRA COTTA RRN *
TERTROCHROME YELLOW 3R * YODOCHROME ORANGE A *

SECTION 3. - - - - - - - - - - HAZARDS IDENTIFICATION - - - - - - - - - -
LABEL PRECAUTIONARY STATEMENTS
CAUTION:

SECTION 4. - - - - - - - - - - FIRST-AID MEASURES- - - - - - - - - -
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
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.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ENSURE 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.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.
SECTION 6. - - - - - - - - ACCIDENTAL RELEASE MEASURES- - - - - - - - 
WEAR PROTECTIVE EQUIPMENT.
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/PERSONAL PROTECTION- - - - - - - - 
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
MECHANICAL EXHAUST REQUIRED.
SECTION 9. - - - - - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - - - - - 
APPEARANCE AND ODOR
ORANGE TO BROWN POWDER
PHYSICAL PROPERTIES
MELTING POINT: >300 C
SECTION 10. - - - - - - - - - - STABILITY AND REACTIVITY - - - - - - - - 
STABILITY
STABLE.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
NITROGEN OXIDES
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
SECTION 11. - - - - - - - - - - TOXICOLOGICAL INFORMATION - - - - - - - - 
ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTECS #: VO5310000
SALICYLIC ACID, 5-((P-NITROPHENYL)AZO) -
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 - - - - - - - - 
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 - - - - - - - - 
REVIEWS, STANDARDS, AND REGULATIONS
OEL=MAK
NOHS 1974: HZD M1488; NIS 10; TNF 332; NOS 14; TNE 5677
NOHS 1974: HZD T1335; NIS 1; TNF 28; NOS 1; TNE 824
NOES 1983: HZD T1335; NIS 1; TNF 33; NOS 3; TNE 786
EPA GENETOX PROGRAM 1988, INCONCLUSIVE: HISTIDINE REVERSION-AMES TEST
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY
SECTION 16. - - - - - - - - OTHER INFORMATION- - - - - - - - - - -
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