

TECHNIC -- OROSENE 80 BRIGHTENER

MATERIAL SAFETY DATA SHEET

NSN: 681000N071553

Manufacturer's CAGE: 20816

Part No. Indicator: A

Part Number/Trade Name: OROSENE 80 BRIGHTENER

General Information

Company's Name: TECHNIC INC

Company's Street: 1 SPECTACLE ST

Company's City: CRANSTON

Company's State: RI

Company's Country: US

Company's Zip Code: 02910

Company's Emerg Ph #: 800-424-9300 (CHEMTREC)

Company's Info Ph #: 401-781-6100

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 20SEP93

Safety Data Review Date: 17JUL96

MSDS Preparer's Name: WILLIAM A. WILSON

Preparer's Company: SAME

MSDS Serial Number: CBXKH

Ingredients/Identity Information

Proprietary: NO

Ingredient: COBALT COMPLEX C*3H*6CONO*9P*3-4K

Ingredient Sequence Number: 01

Percent: <10

NIOSH (RTECS) Number: 1014488CO

CAS Number: 63588-34-1

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Physical/Chemical Characteristics

Appearance And Odor: CLEAR RED-VIOLET SOLUTION; NO ODOR.

Melting Point: N/A

Vapor Pressure (MM Hg/70 F): N/A

Vapor Density (Air=1): N/A

Specific Gravity: 1.1027

Evaporation Rate And Ref: N/A

Solubility In Water: VERY SOLUBLE

pH: 6.0

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Fire and Explosion Hazard Data

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Flash Point: DOES NOT BURN

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media: USE MEDIA APPROPRIATE FOR THE SURROUNDING

Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA AND 1
PROTECTIVE EQUIPMENT (FP N).

Unusual Fire And Expl Hazrds: NONE.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NONE.

Materials To Avoid: NONE.

Hazardous Decomp Products: CARBON OXIDES, NITROGEN OXIDES, PH
COBALT RESIDUES.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE/CHRONIC: LOCAL: ALLERGEN
CAUSES READILY REVERSIBLE CHANGES WHICH DISAPPEAR AFTER END OF
SYSTEMIC: INGESTION, INHALATION: SLIGHT. CAUSES READILY REVER:
WHICH DISAPPEAR AFTER END OF EXPOSURE.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: COBALT: IARC MONOGRAPHS ON THE E
RISK OF CHEMS TO MAN, VOL 52, PG 363, 1991:GROUP 2B. ANIMAL:
Signs/Symptoms Of Overexp: INHALATION: IRRITATION OF MUCOUS M
NOSE AND THROAT. SKIN/EYE CONTACT: IRRITANT. INDIVIDUALS WITH
MAY DEVELOP DERMATITIS. ABSORBED THROUGH SKIN: NO. INGESTION:
GASTROINTESTINAL DISTURBANCES.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES: FLUSH WITH WATER (UNDER LIDS)
15 MINUTES OR LONGER. CALL MD. SKIN: WASH THOROUGHLY WITH SOA:
CALL MD. INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULTIE:
MAINTAIN RESPIRATION AND CALL MD. INGEST: GIVE 2 GLASSES OF W

INDUCE VOMITING. CALL MD.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ABSORB WITH CLAY OR SAWDUST AND AT A PROPER HAZARDOUS WASTE SITE (CONTAINS COBALT). FLUSH SPI WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: WASTE DISPOSAL SHOULD BE IN ACCORDANCE FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE (55- CONTAINER CLOSED. AVOID CONTACT.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures

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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR AP EXPOSURE OF CONCERN (FP N). OPTIONAL (NIOSH/MSHA APPROVED RES MAJOR SPILL).

Ventilation: LOCAL EXHAUST.

Protective Gloves: RUBBER GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SI RUBBER APRON.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Suppl. Safety & Health Data: EXPLAN OF CARCIN: PULMONARY FIBR EFTS).

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 17JUL96

Label Date: 03JUL96

Label Status: G

Common Name: OROSENE 80 BRIGHTENER

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE: INHALATION: IRRITATION OF I MEMBRANES OF NOSE AND THROAT. SKIN/EYE CONTACT: IRRITANT. IND: SENSITIZATION MAY DEVELOP DERMATITIS. INGESTION: NAUSEA, GASTI DISTURBANCES. CHRONIC: CANCER HAZARD. CONTAINS COBALT WHICH I: ANIMAL PULMONARY CARCINOGEN (FP N) .

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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