

Z.R.C. PRODUCTS COMPANY -- 8281-10000 Z.R.C. COLD GALVANIZING-AEROSOL --
8030-01-015-1550

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Product Identification
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Product ID:8281-10000 Z.R.C. COLD GALVANIZING-AEROSOL

MSDS Date:03/01/1988

FSC:8030

NIIN:01-015-1550

MSDS Number: BGSRB

=== Responsible Party ===

Company Name:Z.R.C. PRODUCTS COMPANY

Address:21 NEWPORT AVE

City:QUINCY

State:MA

ZIP:02171

Info Phone Num:617-328-6700

Emergency

Phone Num:617-328-6700

CAGE:MO537

=== Contractor Identification ===

Company Name:Z R C CHEMICAL PRODUCTS CO

Address:21 NEWPORT AVE

Box:City:NORTH QUINCY

State:MA

ZIP:02171-2635

Country:US

CAGE:07957

Company Name:Z.R.C. PRODUCTS COMPANY

Address:21 NEWPORT AVE

Box:City:QUINCY

State:MA

ZIP:02171

Phone:617-328-6700

CAGE:MO537

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by

Wt: 20%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 38.4%
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 1.6%
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE210
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Fraction by Wt: 10%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE
CAS:64046-64-6
RTECS #:AF3500000
Fraction by Wt: 5%
OSHA PEL:150 PPM STEL 200
ACGIH TLV:150 PPM STEL 200

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Fraction by Wt: 10%
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:IOSBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 10%
Other REC Limits:HMIS: 800 PPM BUTANE

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT WILL IRRITATE BODY TISSUES.
INFALATION WILL CAUSE METAL FUME FEVER AND MAY,WITH PROLONGED AND
REPEATED,OVEREXPOSURE CAUSE PERMINENT BRAIN DAMAGE.
Effects of Overexposure:EYE:IRRITATION SKIN:DEFATTING,DERMATITIS
INGESTED:TOXIC. INHALED:CENTRAL NERVOUS SYSTEM
DEPRESSION,DROWINESS
,DIZZINESS,HEADACHE,INTOXICATION,STUPOR.
Medical Cond Aggravated by Exposure:BRAIN & CENTRAL NERVOUS SYSTEM
DISORDERS,DERMATITIS,RESPIRATORY PROBLEMS.

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First Aid Measures
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First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING,WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR.
INGESTED:DO NOT INDUCE VOMITING.GET IMMEDIATE MEDICAL
ATTENTION.-LAUNDER OR DISCARD CONTAMINATED CLOTHING.

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Fire
Fighting Measures
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Flash Point Method:TOC
Flash Point:CONTAINERS EXPOSED TO
EXCESS HEAT PRESENT EXPLOSION HAZARD>

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE INGESTION SOURCES. VENTILATE
AREA.WIPE UP WITH PAPER,CLOTH,OR ABSOR WITH OTHER ABSORBANT.
Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,CLEAN,WELL
VEN
TILATED,FIRE RESISTANT AREA. DO NOT STORE IN DIRECT SUNLIGHT. DO
NOT STORE AT OVER 120F.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC
VAPOR/MIST CARTRIDGE WHEN EXPOSED ABOVE TLV/PEL.
Ventilation:VENTILATE AREA SUFFICIENTLY TO AVOID THE BUILD UP OF VAPORS
TO EXPLOSIVE LEVELS. USE LOCAL EXHAUST AS NECESSARY.
Protective Gloves:NEOPRENE
Eye Protection:SAFETY GLASSES, GOGGLES FOR SPLASHING
Othe

Protective Equipment:SAFETY SHOWER & EYE WASH. CLOTHING TO PREVENT PROLONGED,REPEATED SKIN CONTACT.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE EXPOSED AREAS.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V3

Boiling Pt:B.P. Text:-420-144C

Vapor Pres:50 MM

Vapor Density:>1

Spec Gravity:1.14

Evaporation Rate & Reference:>1 ETHYL ETHER

Appearance and Odor:GREY LIQUID,AROMATIC SOLVENT ODOR

Percent Volatiles by Volume:54

Volume:54

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS,WATER,ALKALIS,OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESS HEAT (ABOVE 120F),IGNITION SOURCES.

Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION PLUS ZINC OXIDE FUME,AND/OR HYDROGEN.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
DO NOT FLUSH OR DISCHARGE TO SEWER OR WATER WAY. DO NOT FLUSH WITH WATER.

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