

OSBORN MANUFACTURING CORP. -- ZINC RICH COLD GALV TM-3056 -- 8010-00-214-7241

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Product Identification
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Product ID:ZINC RICH COLD GALV TM-3056
MSDS Date:10/26/1989
FSC:8010
NIIN:00-214-7241
MSDS Number: BJLDM
=== Responsible Party ===
Company Name:OSBORN MANUFACTURING CORP.
Address:5401 HAMILTON AVENUE
City:CLEVELAND
State:OH
ZIP:44114
Country:US
Info Phone Num:216-361-1900
Emergency Phone Num:216-467-4195
CAGE:45092
=== Contractor Identification ===
Company Name:OSBORN MANUFACTURING
Address:5401 HAMILTON AVENUE
Box:City:CLEVELAND
State:OH
ZIP:44114
Phone:(216) 361-1900
CAGE:45092

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5%
Other REC Limits:STEL 150
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE (SARA III)

CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 6%
Other REC Limits:STEL 1000
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 11%
Other REC Limits:STEL 300
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ297500
0
Fraction by Wt: 18%
Other REC Limits:STEL 450
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5%
Other REC Limits:STEL 150
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOBUTYL ACETATE (SARA III)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 2%
Other R

EC Limits:STEL 187
OSHA PEL:150 PPM
ACGIH TLV:150 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VM & P NAPHTHA (WITH 3.5% 1,2,4 TRIMETHYLBENZENE 95-63-0)
CAS:64742-88-7
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:300

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 24%
Other REC Limits:NONE SPECIFIED
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:PROPANE
CAS:74-98-6
RTECS #
:TX2275000
Fraction by Wt: 25%
Other REC Limits:ASPHYXIAN
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:NON-HAZARDOUS
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE DIZZINESS OR NARCOSIS IN
HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFFECTS

ARE REVERSIBLE. LONG TERM EXPOSURE(YEARS)VAPOR MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THECENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:PRESENTLY NOT ON ANY LIST

Effects of Overexposure:INHALATION: DIFFICULTY IN BREATHING. SKIN: REDNESS. AND INGESTION: VOMITING.

Medical Cond Aggravated by Exposure:HEART DISEASE; RESPIRATORY DISORDERS

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===== First Aid Measures =====

First Aid:GIVE
OXYGEN. DO NOT INDUCE VOMITING. GASTRIC LAVAGE. WASH
EYES AND SKIN WITH WATER.

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===== Fire Fighting Measures =====

Flash Point:NR
Lower Limits:1.8
Upper Limits:12.0
Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE.
Fire Fighting Procedures:AEROSOL CANS MAY RUPTURE WHEN HEATED
Unusual Fire/Explosion Hazard:HEATED CANS MAY BURST

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===== Accidental Release Measures =====

Spill Release Procedures:USE ABSORBENT SWEEP
ING COMPOUND TO SOAK UP
MATERIAL. PUT INTO CONTAINER. DISPOSE AS HAZARDOUS WASTE.

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===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS OR OPEN
FLAME. STORE AT TEMPERATURES BELOW 120F.
Other Precautions:WHEN SPRAYING MORE THAN ONE HALF CAN CONTINUOUSLY OR
MORE THAN ONE CAN CONSECUTIVELY, USE NIOSH APPROVED RESPIRATOR.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection

:SELF CONTAINED BREATHING APPARATUS IF ABOVE TLV
LIMIT EXCEEDING

Ventilation:LOCAL EXHAUST

Protective Gloves:NONE REQUIRED IF SPRAYING

Eye Protection:WEAR EYE PROTECTION

Other Protective Equipment:LONG SLEEVE AND LONG PANTS

Work Hygienic Practices:DO NOT SMOKE WHILE USING. WASH HANDS AFTER USE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:-40 TO 28OF

Vapor Pres:65PSIG@70F

Vapor Density:4.0(AIR=1)

Spec Gravity:1.0

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vaporation Rate & Reference:>1 (BUTYL ACETATE=1)

Solubility in Water:NONE

Appearance and Odor:GRAY WITH SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, NOT COMPATIBLE WITH ACTIVE METALS. ISOBUTYL ACETATE
WILL REACT WITH NITRATES & ALKALINE ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:IN FIRE WILL DECOMPOSE TO WATER,
CARBON DIOXIDE, HALOGEN ACIDS AN
D PHOSGENE

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

Waste Disposal Methods:DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH
EPA RCRA.

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