

OMEGA CHEMICAL CORP -- 3475/312-10 -- 6850-00-550-7453

===== Product Identification =====

Product ID:3475/312-10
MSDS Date:07/01/1991
FSC:6850
NIIN:00-550-7453
MSDS Number: BLHHD
=== Responsible Party ===
Company Name:OMEGA CHEMICAL CORP
Address:6935 WEST 62ND STREET
City:CHICAGO
State:IL
ZIP:60638
Country:US
Info Phone Num:312-586-8000
Emergency Phone Num:800-255-3924/FAX 312-586-8004
CAGE:OB5U9

=== Contractor Identification ===

Company Name:OMEGA CHEMICAL CORD; SUCCESSOR TO MSC
CAGE:OB5U9
Company Name:OMEGA CHEMICAL PROD GP, FINE ORGANICS CORP
Address:6935 WEST 62ND STREET
City:CHICAGO
State:IL
ZIP:60638
Country:US
Phone:312-586-8000, 800-424-9300
CAGE:0B5U9

===== Composition/Information on Ingredients =====

Ingred Name:METHYLENE CHLORIDE (SARA III)
CAS:75-09-2
RTECS #:PA8050000
Fraction by Wt: 47%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM/C,1000; Z2
ACGIH

TLV:50 PPM, A2; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)
CAS:1319-77-3
RTECS #:GO5950000
Fraction by Wt: 27%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 5 PPM; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHROMATE (SARA III)
CAS:7775-11-3
RTECS #:GB2955000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3; 9192
EPA Rpt Qty:10 LBS
DO
T Rpt Qty:10 LBS

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE-SKIN:SEVERE
BURNS.EYES:IRRITATION AND/OR

BURNS.INHALATION:NERVOUS SYSTEM

DEPRESSION.CONTACT-MAY AFFECT HEART, LIVER AND KIDNEYS.

Explanation of Carcinogenicity:SODIUM CHROMATE & METHYLENE CHLORIDE ARE LISTED AS A SUSPECTED CARCINOGEN BY IARC AND NTP.

Effects of Overexposure:HIGH VAPORS CONCENTRATIONS ARE IRRITATING TO EYES, NOSE, THROAT AND RESPIRATORY TRACT AND MAY CAUSE HEADACHES, DIZZINESS AND POSSIBLE LOSS OF CONSCIOUSNESS. WILL CAUSE IRRITATION AND/OR BURNS TO EYES. INGESTION MAY LEAD TO PULMONARY INJURY.

Medical Cond Aggravated by Exposure:PRE-EXISTING LIVER AND KIDNEY DISEASE, CARDIAC DISORDERS, RESPIRATORY/LUNG DISEASE.

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First Aid Measures
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First Aid:SEEK MEDICAL ATTENTION IN ALL CASES.INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.EYE:FLUSH WITH WATER FOR 15 MINUTES WITHIN A 1 MINUTE PERIOD OF CONTACT.SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN WITH WATER.INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK PLENTY OF WATER.SMALL AMOUNTS MAY BE LETHAL.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HYDROGEN CHLORIDE VAPORS

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Accidental Release Measures
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Spill Release Procedures:IF OUTDOORS, ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. KEEP PRODUCT OUT OF SEWER AND WATER COURSES BY DIKING OR IMPOUNDING. INDOORS: ELIMINATE ALL IGNITION SOURCES AND REMOVE WITH ABSORBENT MATERIAL. VENTILATE AREA.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORAGE-DO NOT STORE ABOVE 80F (27C) OR BELOW 32F (0C).TAKE REASONABLE CARE &

PRECAUTIONS WHEN HANDLING
THIS MATERIAL.

Other Precautions:THIS CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. EMPTY
CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR OR LIQUID). USE IN
WELL VENTILATED AREAS.

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

Respiratory Protection:IN HIGH VAPOR AREA, USE NIOSH/MSHA APPROVED
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. FOR HIGH CONCENTRATIONS
AND OXYGEN-DEFICIENT ATMOSPHERES, USE POSITIVE PRESSURE
AIR-SUPPLIED RESPI
RATOR.

Ventilation:MECHANICAL/LOCAL EXHAUST RECOMMENDED. VENTILATE LOW-LYING
AREAS WHERE DENSE VAPORS MAY COLLECT.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES & FULL FACE SHIELD

Other Protective Equipment:APRON OR SPLASH GUARD AND WORK CLOTHING TO
MINIMIZE EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING,
SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.

Supplemental Safety and Hea

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FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A SAME NSN.

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

HCC:T4

Boiling Pt:B.P. Text:102F,39C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Density:>1

Spec Gravity:>1

pH:11

Evaporation Rate & Reference:WATER PHASE 1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN DIPHASE LIQUID, PHENOLIC ODOR

Percent Volatiles by Volume:92

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

Stability In

icator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS AND COAL TAR INSULATION

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES

Hazardous Decomposition Products: WHEN INVOLVED IN FIRE, METHYLENE CHLORIDE MAY EMIT HIGHLY TOXIC AND IRRITATING HYDROGEN CHLORIDE AND PHOSGENE FUMES.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSAL RECOMMENDATIONS APPLY TO THE

ORIGINAL MATERIAL AND ITS CONTAINER; NOT ANY MATERIALS WHICH ARE A WASTE BY PRODUCT OF THE USER'S OPERATION.

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