

OMEGA CHEMICAL CORP -- OMEGA 3812 SN 313-2 -- 8010-00-181-7568

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

Product ID:OMEGA 3812 SN 313-2

MSDS Date:04/01/1990

FSC:8010

NIIN:00-181-7568

MSDS Number: BJNJM

=== Responsible Party ===

Company Name:OMEGA CHEMICAL CORP

Address:6935 W. 62ND STREET

City:CHICAGO

State:IL

ZIP:60638

Country:US

Info Phone Num:312-586-8000

Emergency Phone Num:312-586-8000

Preparer's Na

me:PAUL ZALANTIS

CAGE:OB5U9

=== Contractor Identification ===

Company Name:OMEGA CHEMICAL CORD; SUCCESSOR TO MSCI

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: 55%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:5

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

Ingred Name:PHENOL (CARBOLIC ACID)
CAS:108-95-2
RTECS #:SJ3325000
Fraction by Wt: 16%
ACGIH TLV:5 PPM
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%
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:
n:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE: CONTACT WITH SKIN WILL CAUSE
DERMATITIS, SEVERE BURNS, EYES, NERVOUS SYSTEM DEPRESSION. CHRONIC:
MAY EFFECT HEART, LIVER AND KIDNEYS. PHENOL IS A SEVERE EYE AND
SKIN IRRITANT. ABSORPTION THROUGH H SKIN CAN CAUSE INTERNAL DAMAGE,
EVEN DEATH.
Explanation of Carcinogenicity:METHYLENE CHLORIDE:LISTED BY IARC AS
CLASS II B CARCINOGEN & BY NIOSH AS SUSPECTED CARCINO
GEN. CHROMATES
ARE CARCINOGENS
Effects of Overexposure:CONTACT WITH SKIN WILL CAUSE DERMATITIS, SEVERE
BURNS, EYES, NERVOUS SYSTEM DEPRESSION. CHRONIC: MAY EFFECT HEART,
LIVER AND KIDNEYS. PHENOL IS A SEVERE EYE AND SKIN IRRITANT.
ABSORPTION THROUGH SKIN CAN CAUSE INTERNAL DAMAGE, EVEN DEATH.

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. ADMINISTER ARTIFICIAL
RESPIRATION IF BREATHING HAS STOPPED. EYES

: FLUSH WITH WATER AT
LEAST 15 MINUTES WITHIN A 1 MINUTE PERIOD OF CONTACT. SKIN: REMOVE
CONTAMINATED CLOTHES. WASH AREA WITH WATER. INGESTION: DO NOT
INDUCE VOMITING; GIVE PLENTY OF WATER. SMALL AMOUNTS MAY BE LETHAL.
SEEK MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:NONE
Lower Limits:1.4% @ 80C
Upper Limits:22% @ 25C
Extinguishing Media:WATER, FOAM, CO2 AND DRY CHEMICAL.
Fire Fighting
Procedures:WEAR FULL PROTECTIVE CLOTHING INCLUDING
POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FORMS FLAMMABLE VAPOR-AIR MIXTURES.
VAPORS ARE TOXIC. THERMAL DECOMPOSITION MAY PRODUCE 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 SEWERS & WATER COURSES
BY DIKING OR IMPOUNDING. INSIDE SPILLAGE: ELIMINATE ALL IGNITION
SOURCES & REMOVE WITH ABSORBENT MATERIAL.
Neutralizing Agent:NOT APPLICABLE.

=====
Handling and Storage
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Handling and Storage Precautions:DO NOT STORE ABOVE 80 F OR BELOW 32 F.
REASONABLE CARE & PRECAUTIONS WHEN HANDLING THIS MATERIAL ARE
STRONGLY RECOMMENDED.
Other Precautions:THIS CONTAINER MAY BE HAZARDOUS WHEN EMPTIED, EMPTIED
CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR OR LIQUID). USE IN
WELL VENTILATED AREAS.

=====
Exposure Controls/Personal Protection
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Respiratory Protection:ORGANIC SOLVENTS.

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Ventilation:MECHANICAL SUFFICIENT TO MAINTAIN LEVELS OF CONCENTRATION
BELOW TLV OF ANY CONSTITUENTS.
Protective Gloves:NEOPRENE GLOVES.
Eye Protection:SAFETY GOGGLES AND FACE SHIELD.
Other Protective Equipment:PROTECTIVE CLOTHING: APRON OR SPLASH GUARD.
Supplemental Safety and Health

=====
Phys
=====

ical/Chemical Properties =====

HCC:T4

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

Melt/Freeze Pt:M.P/F.P Text:32 F/0 C

Vapor Pres:335 MMHG

Vapor Density:> 1(AIR=1)

Spec Gravity:1.17 (H2O=1)

pH:9.0

Viscosity:< 5000 CPS

Evaporation Rate & Reference:< 1 (WATER=1)

Solubility in Water:NEGLIGABLE

Appearance and Odor:VISCIOUS YELLOW-AMBER LIQUID, PHENOLIC ODOR.

Percent Volatiles by Volume:80

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

Stability Indicator/Materials to Avoid

id:YES

COAL TAR INSULATION AND STRONG OXIDIZERS.

Stability Condition to Avoid:OPEN SPARKS AND FLAMES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY CAUSE
HYDROGEN CHLORIDE VAPORS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE &
FEDERAL REGULATIONS. DISPOSAL RECOMMENDATIONS APPLY TO THE ORIGINAL
MATERIAL & ITS CONTAINER, NOT ANY MATERIALS WHICH ARE A WASTE
BY-PRODUCT OF THE USER'S OPERATION.

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