

REGENESIS BIOREMEDIATION PRODUCTS -- OXYGEN RELEASE COMPOUND(ORC) --
6850-01-448-8764

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Product Identification
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Product ID:OXYGEN RELEASE COMPOUND(ORC)
MSDS Date:10/21/1996
FSC:6850
NIIN:01-448-8764
MSDS Number: CFMXG
=== Responsible Party ===
Company Name:REGENESIS BIOREMEDIATION PRODUCTS
Address:27130A PASEO ESPADA, SUITE 1407
City:SAN JUAN CAPISTRANO
State:CA
ZIP:92675
Country:US

Info
Phone Num:714-443-3136/714-443-3140 FAX
Emergency Phone Num:714-443-3136
CAGE:086Z3

=== Contractor Identification ===
Company Name:REGENESIS BIOREMEDIATION PRODUCTS
Address:27130A PASEO ESPADA, SUITE 1407
Box:City:SAN JUAN CAPISTRANO
State:CA
ZIP:92675
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CAGE:086Z3

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Composition/Information on Ingredients
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Ingred Name:MAGNESIUM PEROXIDE
CAS:14452-57-4
RTECS #:OM4100000
Fraction by Wt: 25-35%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG MG/M3 CEILING
ACGIH TLV:10 MG MG/M3

Ingred Name:MAGNESIUM HYDROXIDE
CAS:1309-42-8
RTECS #:OM3570000
Other REC Limits:NONE RECOMMENDED

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3; FUME; 9596

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Hazards Identification
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LD50 LC50 Mixture:N/ESTABLISHED.SHOULD BE TREAT AS NUIS DU
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.
NUISANCE DUST.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER. NUISANCE DUST.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:AFTER CONTACT W/SKIN WASH IMMEDIATELY W/PLENTY OF
WATER/SOAP/IN CASE OF CONTACT W/EYES RINSE IMMEDIATELY W/PLENTY OF WATER
& SEEK MED ATTN.

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

Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NP
Upper Limits:NP
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICALS, FOAM.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS OR APPROV
GAS MASK SHOULD BE WORN DUE TO SMALL PARTICLE SIZE.USE EXTING MEDIA
APPROPR FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:SPONTANEOUS DECOMPOSITION POSSIBLE ABOUT
150C. NON-COMBUSTIBLE, BUT WILL SUPPORT COMBUSTION.

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

Spill Release Procedures:COLLECT IN SUITABLE CNTNRS.WASH REMAINDER
W/COPIOUS QUANTITIES OF WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.KEEP
AWAY FROM COMBUSTIBLE MATL.USE ONLY IN WELL-VENTILATED AREAS.NOT
FLAMM BUT MAY INTENSIFY FIRE.
Other Precautions:AFT RX OF MAGNESIUM
PEROXIDE TO FORM OXY RESULTING
MTAL,MAGNESIUM HYDROXIDE,MILDLY BASIC.ATMS OF MAGNESIUM
OXIDE(MAGNESIA) & MAGNESIUM HYDROXIDE IN INITIAL PROD HAVE EFFECT
SIMILAR TO LIME BUT W/LOWER ALKALINITY.

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

Respiratory Protection:RECOMMENDED (HEPA FILTERS)
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:WEAR SUITABLE GLOVES
Eye Protection:USE CHEMICAL SAFETY GOGGLES
Other Protective Equipment:NONE SPECIFIED BY MA

NUFACTURER.

Work Hygienic Practices:AVOID CONTACT W/SKIN/EYES.

Supplemental Safety and Health

PH:APPROX 10 IN SATURATED SOLN.

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

HCC:N1

Boiling Pt:B.P. Text:N/DETERMINE

Melt/Freeze Pt:M.P/F.P Text:N/DETERMINE

Decomp Temp:Decomp Text:302F,150C

Vapor Pres:N/AVAI

Vapor Density:NP

Spec Gravity:0.6-0.8G/CC

pH:SUPPLE

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:REACTS W/WATER.

Appearance and Odor:POWDER, WHITE
COLOR, ODORLESS

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,STRONG CHEM AGENTS.

Stability Condition to Avoid:STABLE UNLESS HEATED >150C.MAGNESIUM

PEROXIDE RXS W/H2O-SLOWLY RELEASE OXY.REACT BY PRODUCT:MAGNESIUM
HYDROXIDE.OPN FLAM

Hazardous Decomposition Products:NOT KNOWN.

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

Waste Disposal Me

thods:DISPOSE VIA SANITARY LANDFILL PER STATE/LOC
AUTHORITY.WATER POLLUTION HAZ RATING(WGK):0.

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