

BELZONA MOLECULAR -- MAGMA QUARTZ SOLIDIFIER, 3333-1002-04
MATERIAL SAFETY DATA SHEET
NSN: 804000N015142
Manufacturer's CAGE: 67020
Part No. Indicator: A
Part Number/Trade Name: MAGMA QUARTZ SOLIDIFIER, 3333/1002/04

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General Information
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Company's Name: BELZONA MOLECULAR INC
Company's Street: 100 CHARLES LINDBERGH BLVD
Company's City: UNIONDALE, LI
Company's State: NY
Company's Country: US
Company's Zip Code: 11553
Company's Emerg Ph #: 516-542-1000; 516-483-3100
Company's Info Ph #: 516-542-1000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 002
Status: KMJ
Date MSDS Prepared: 27DEC88
Safety Data Review Date: 01JUN95
MSDS Serial Number: BKPWG
Hazard Characteristic Code: T6

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: M-XYLENEDIAMINE (M-XYLENE A,A'-DIAMINE)
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: PF8970000
CAS Number: 1477-55-0
OSHA PEL: S, C, 0.1 MG/M3
ACGIH TLV: S, C, 0.1 MG/M3;9192

Proprietary: NO
Ingredient: PHENOL, P-(TERT-BUTYL)-.
Ingredient Sequence Number: 02
NIOSH (RTECS) Number: SJ8925000
CAS Number: 98-54-4
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: TRIMETHYLHEXAMETHYLENEDIAMINE. VP: 0.02 @ 20C.
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: 1006225TR
CAS Number: 3236-53-1
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: PHENOL, P-NONYL-. VP: 0.80 @ 20C.
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: SM5630000
CAS Number: 104-40-5
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR LIQUID WITH AMMONIACAL ODOR.
Specific Gravity: 0.99

Solubility In Water: NEGLIGIBLE (<0.1%)
Percent Volatiles By Volume: 0

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Fire and Explosion Hazard Data
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Flash Point: 230F,110C
Flash Point Method: SCC
Extinguishing Media: WATER FOG (NOT A DIRECT STREAM OF WATER), FOAM, CO*2,
DRY CHEMICAL.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
(FP N). FULL BUNKER GEAR SHOULD BE WORN IN EXTREME CASES. STAY UPWIND &
AVOID SMOKE & FUMES. TREAT AS AN OIL FIRE.
Unusual Fire And Expl Hazrds: DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE
HAZARDOUS.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG MINERAL
ACIDS.
Hazardous Decomp Products: ACRID SMOKE, CO*X, NO*X.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data
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LD50-LC50 Mixture: LD50: (ORL,RAT)=1620 MG/KG (P-NONYLPHENOL)
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: ACUTE: EXTREMELY IRRITATING TO SKIN AND
EYES. LARGE OR REPEATED DOSES MAY CAUSE CHEMICAL ASTHMA. IRRITATES EYES AND
RESPIRATORY TRACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: NONE SPECIFIED BY MANUFACTURER.
Med Cond Aggravated By Exp: DISEASES OF THE SKIN, SINUSES AND LUNGS.
Emergency/First Aid Proc: MOVE TO FRESH AIR AND GIVE ARTIFICIAL
RESPIRATION IF NECESSARY. FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.
IMMEDIATE FIRST AID IS NECESSARY TO PREVENT EYE DAMAGE. WASH SKIN WITH SOAP
AND WATER. INGEST: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. CALL
POISON CENTER AT 516-542-2323. REMOVE CONTAMINATED CLOTHING. CALL MD OR
TAKE TO A HOSPITAL IMMEDIATELY.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: REMOVE ALL SOURCES OF IGNITION. USE SAND TO
ABSORB SPILLED MATERIAL AND DISPOSE OF PROPERLY. LARGE SPILLS: REMOVE TO
OUT OF DOORS. EVACUATE AREA.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: LABEL EMPTY CONTAINERS HAZARDOUS. DISPOSE OF IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: OVERHEATING MAY CAUSE CONTAINER TO RUPTURE.
MUST BE KEPT IN DRY, COOL AND COVERED AREA. AVOID BREATHING VAPORS. DISCARD
CONTAMINATED SHOES.
Other Precautions: CHECK ALL CONTAINERS FOR LEAKS. AVOID PROLONGED
BREATHING OR CONTACT WITH SKIN.

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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR SUITABLE FOR ORGANIC VAPORS IF NECESSARY.

Ventilation: PROVIDE ADEQUATE CROSS AIR CIRCULATION. EXHAUST AT POINT OF USE.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES. (SEE SUPP DATA)

Other Protective Equipment: EYE WASH STATION, EMERGENCY SHOWER, IMPERMEABLE APRON OR GARMENT TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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Transportation Data
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Trans Data Review Date: 91256

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION
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Disposal Data
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Label Data
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Label Required: YES

Technical Review Date: 01MAY91

Label Date: 30APR91

Label Status: G

Common Name: MAGMA QUARTZ SOLIDIFIER, 333/1002/04

Chronic Hazard: NO

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE: EXTREMELY IRRITATING TO SKIN AND EYES. LARGE OR REPEATED DOSES MAY CAUSE CHEMICAL ASTHMA. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: BELZONA MOLECULAR INC

Label Street: 100 CHARLES LINDBERGH BLVD

Label City: UNIONDALE, LI

Label State: NY

Label Zip Code: 11553

Label Country: US

Label Emergency Number: 516-542-1000; 516-483-3100
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