

| MATERIAL SAFETY DATA SHEET | |
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| For R&D use only. Not for drug, household or other uses. | |
| Click http://www.lookchem.com/cas-132/1327-39-5.html for suppliers of this product. | |
| Composition/Information on Ingredient | |
| Cas: 1327-39-5 | |
| Code: M | |
| RTECS: | |
| Code: X | |
| Name: CALCIUM ALUMINUM SILICATE | |
| Other REC Limits: N/K | |
| OSHA PEL: N/K (FP N) | |
| Code: M | |
| OSHA STEL: | |
| Code: | |
| ACGIH TLV: N/K (FP N) | |
| Code: M | |
| ACGIHSTEL: N/P | |
| Code: | |

Control Measures

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| Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). |
| Ventilation: USE ONLY IN AREAS W/SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS. 5 |
| Protective Gloves: IMPERVIOUS GLOVES. |
| Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N). |
| Other Protective Equipment: Equipment NONE SPECIFIED BY MANUFACTURER. |
| Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. |
| Supplemental Safety and Health: THIS IS A REFORMATION:PART NUMBER INDICATOR "B" DENOTES NEWER PRODUCT THAN "A", 8030-00-080-2171. INGREDIENTS & OTHER CHANGES MAY APPLY (FP N). |

Health Hazards Data

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| LD50LC50Mixture: NONE SPECIFIED BY MANUFACTURER. |
| Route Of Entry Inds - Inhalation: YES |
| Skin: YES |
| Ingestion: YES |
| Carcinogenicity Inds - NTP: NO |
| IARC: NO |
| OSHA: NO |
| Health Hazards Acute And Chronic: EYE:CONT W/LIQ IS IRRIT. OVEREXP TO VAPS MAY ALSO CAUSE IRRIT. SYMPS OF OVEREXP INCL REDNESS, SMARTING, TEARING & SWELL. SKIN:PRLNG/RPTD CONT WILL DEFAT SKIN & CAUSE IRRIT & POSS DERM. SYMPS ARE DRYNE SS, INCL CRACKING. INHAL:VAP OVEREXP MAY CAUSE RESP SYS IRRIT & TEMPORARY NERV SYS IMPAIRMENT(LT HEAD).(EFTS OF OVEREXP) |
| Explanation Of Carcinogenicity: NOT RELEVANT |
| Signs And Symptions Of Overexposure: HLTH HAZ:RPTD OVEREXP TO METHYL ISOBUTYL KETONE MAY CAUSE LIVER & KIDNEY DMG. SYMPS OF OVEREXP INCL DIZZ, HDCH, NAUS & FATG. EXTREME OVEREXP, SUCH AS WOULD OCCUR W/INTENTIONAL INHAL OF CONCENTRATED VA PS, COULD RSLT IN MORE SERIOUS INJURY, INCL ASPHY. INGEST: MAY CAUSE DIGEST SYS IRRIT. |
| Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER. 4 |
| First Aid: EYE:IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL MD. SKIN:WASH AFFECTED AREA W/SOAP & WATER. INHAL:REMOVE PERSON TO UNCONTAMINATED AIR. CALL MD. INGEST :DO NOT INDUCE VOMITI NG; IMMEDIATELY CALL MD OR POISON CONTROL CENTER. |
| Spill Release Procedures: EXTING ALL IGNIT SOURCES. VENTILATE AREA. OBSERVE PRECS FROM OTHER SECTIONS. CONTAIN SPILL. COVER W/ABSORB MATLS AS NEEDED. COLLECT SPILLED MATL USING NON-SPARKING TOOLS. PLACE IN U.S. DOT APPRVD META L CNTNR & SEAL. |
| Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. |
| Waste Disposal Methods: INCINERATE ABSORBED & BULK PRODUCT AFTER MIXING W/FLAMMABLE MATL IN LICENSED HAZ WASTE FACILITY. DISPOSAL SHOULD BE I/A/W APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. U.S. HAZ WASTE NO:D001 (IGNITAB LE). |
| Handling And Storage Precautions: FOR INDUSTRIAL/PROFESSIONAL USE ONLY. KEEP AWAY FROM HEAT, SPARKS, FLAME & OTHER SOURCES OF IGNIT. VAPS RELEASED BY THIS PROD CAN BE IGNITED EASILY. |
| Other Precautions: GROUND CONTAINERS WHEN TRANSFERRING CONTENTS. AVOID PROLONGED BREATHING OF VAPORS. AVOID EYE & SKIN CONTACT. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. |

Fire and Explosion Hazard Information

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| Flash Point Method: N/P |
| Flash Point: |
| Flash Point Text: 20.0F,-6.7C |
| Autoignition Temp: |
| Autoignition Temp Text: N/A |
| Lower Limits: 1.4% |
| Upper Limits: 11.5% |
| Extinguishing Media: CO*2, FOAM, DRY CHEMICALS, WATER. |
| Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). |
| Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP. |

Physical/Chemical Properties

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| HCC: F2 |
| NRC/State LIC No: |
| Net Prop WT For Ammo: |
| Boiling Point: |
| B.P. Text: SEE ING 1 |
| Melt/Freeze Pt: |
| M.P/F.P Text: N/K |
| Decomp Temp: |
| Decomp Text: N/K |
| Vapor Pres: 80 @ 68F |
| Vapor Density: 2.5 |
| Volatile Org Content %: |
| Spec Gravity: 1.04 |
| VOC Pounds/Gallon: |
| PH: N/K |
| VOC Grams/Liter: |
| Viscosity: N/P |
| Evaporation Rate & Reference: 2.7 |
| Solubility in Water: SLIGHT |
| Appearance and Odor: REDDISH-BROWN, HEAVY SYRUP; KETONE ODOR. |
| Percent Volatiles by Volume: 48 |
| Corrosion Rate: N/K |

Reactivity Data

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| Stability Indicator: YES |
| Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER. |
| Materials To Avoid: NOT APPLICABLE |
| Hazardous Decomposition Products: CO, CO*2 &SMOKE PARTICLES WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME. |
| Hazardous Polymerization Indicator: NO |
| Conditions To Avoid Polymerization: NOT RELEVANT |

Toxicological Information

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| Information: N/P |
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MSDS Transport Information

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| Information: N/P |
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Regulatory Information

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| Sara Title III Information: N/P |
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| Federal Regulatory Information: N/P |
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| State Regulatory Information: N/P |
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Other Information

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| Other Information: N/P |
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