

ZEOCHEM -- SILICA GEL-E TYPE -- 4440-00-580-7293

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Product Identification
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Product ID:SILICA GEL-E TYPE

MSDS Date:10/08/1990

FSC:4440

NIIN:00-580-7293

MSDS Number: CHQJK

=== Responsible Party ===

Company Name:ZEOCHEM

Address:1314 S 12TH ST

Box:35940

City:LOUISVILLE

State:KY

ZIP:40232

Country:US

Info Phone Num:502-634-8384/502-634-7600

Emergency Phone Num:502-634-8384/502-634-7600

CAGE:3U

848

=== Contractor Identification ===

Company Name:AQW INC (606-485-6263)

Box:UNKNOW

CAGE:63937

Company Name:ZEOCHEM

Box:35940

City:LOUISVILLE

State:KY

ZIP:40232

Phone:502-634-8384

CAGE:3U848

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Composition/Information on Ingredients
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Ingred Name:SILICA GEL (SIO2.H2O, AMORPHOUS)

CAS:63231-67-4

RTECS #:VV7340000

Fraction by Wt: 95-100%

Other REC Limits:10 MG/M3 TOTAL DUST

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3 TOTAL DUST

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYES: CONTACT MAY RESULT IN IRRITATION, BURNS, CONJUNCTIVITIS. SKIN: PROLONGED/REPEATED CONTACT, IN ABSENCE OF PROPER HYGIENE, MAY CAUSE DRYNESS, IRRITATION, DERMATITIS. INHALATION: MAY CAUSE BURNING TO THE UPPER RESPIRATORY TRACT AND/OR PERMANENT LUNG DAMAGE. INGESTION: DAMAGE TO THROAT, ESOPHAGUS AND/OR GI DISORDERS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYES: IRRITATION, BURNS, CONJUNCTIVITIS. SKIN: DRYNESS, IRRITATION, DERMATITIS. INHALATION: BURNING TO UPPER RESPIRATORY TRACT, LUNG DAMAGE. INGESTION: THROAT AND ESOPHAGUS DAMAGE, GI DISORDERS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.

WASH SKIN AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. KEEP VICTIM WARM AND AT REST. GET MEDICAL ATTENTION. INGESTION: IF LARGE AMOUNTS HAVE BEEN INGESTED, GIVE EMETICS TO CAUSE VOMITING. STOMACH SIPHON MAY BE APPLIED. AVOID MILK/FATTY ACIDS. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media: DRY CHEMICAL, WATER SPRAY, FOAM.

Fire Fighting Procedures: COOL

CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER FIRE IS OUT. WITHDRAW IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE.

Unusual Fire/Explosion Hazard: NEGLIGIBLE FIRE AND EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME BY REACTION WITH INCOMPATIBLE SUBSTANCES.

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

Spill Release Procedures: PROTECT AGAINST INHALATION OF DUSTS OR FUMES. EYE PROTECTION IS REQUIRED. VACUUMING AND/OR WET

METHODS OF CLEANUP

ARE PREFERRED. PLACE IN APPROPRIATE CONTAINERS FOR DISPOSAL, KEEPING AIRBORNE PARTICULATES AT A MINIMUM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:AVOID BREATHING DUST AND PROLONGED CONTACT WITH SKIN. CAUSES EYE IRRITATION AND BREATHING DUST MAY BE HARMFUL.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:PROVIDE A NIOSH/MSHA JOINTLY APPROVED RESPIRATOR IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:PROVIDE GENERAL AND/OR LOCAL EXHAUST TO KEEP EXPOSURES BELOW TLV AND PREVENTS SPOTS OF DUST ACCUMULATION OR RECYCLING.

Protective Gloves:GLOVES TO PREVENT SKIN EXPOSURE.

Eye Protection:CHEMICAL SPLASH GOGGLES RECOMMENDED.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, INCLUDING LONG SLEEVES TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>2900F,>159

Appearance and Odor:WHITE GRANULES OR BEADS. ODORLESS.

Percent Volatiles by Volume: