

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

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

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:3U848

=== Contractor Identification ===

Company Name:AQW INC (606-4
85-6263)

Box:UNKNOWN

CAGE:63937

Company Name:ZEOCHEM

Box:35940

City:LOUISVILLE

State:KY

ZIP:40232

Phone:502-634-8384

CAGE:3U848

===== Composition/Information on Ingredients =====

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

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

Routes of Entry: Inhalation:YES Skin:YES I

ngestion: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 V ICTIM 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 EXOSED TO FLAMES WITH WATER FROM THE SI

DE 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 PREFARRED. PLACE IN APPROPRIATE CONTAI

NERS FOR DISPOSAL,
KEEPING AIRBORNE PARTICULATES AT A MINIMUM.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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.

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

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

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

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:>2900F,>159
Appearance and Odor:WHITE GRANULES OR BEADS. ODORLESS.
Percent Volatiles by Volume: