

EAGLE CHEMICAL CO INC -- EAGLE SILICA GEL -- 6850-00-680-2234

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Product Identification
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Product ID:EAGLE SILICA GEL
MSDS Date:05/01/1999
FSC:6850
NIIN:00-680-2234
Status Code:A
MSDS Number: CKJWK
=== Responsible Party ===
Company Name:EAGLE CHEMICAL CO INC
Address:TELEGRAPH & EAGLE DR
Box:107
City:MOBILE
State:AL
ZIP:36601
Country:US
Info Phone Num:205-452-9624
Emergency Phone Num:205-45
2-9624
CAGE:18425
=== Contractor Identification ===
Company Name:EAGLE CHEMICAL CO INC
Address:1500 TELEGRAPH RD
Box:107
City:MOBILE
State:AL
ZIP:36601
Country:US
Phone:334-452-9624
Contract Num:SP0450-00-M-SA84
CAGE:18425

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Composition/Information on Ingredients
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Ingred Name:SILICA, AMORPHOUS, PRECIPITATED AND GEL
CAS:7699-41-4
RTECS #:VV8850000
= Wt:95.6
Other REC Limits:NONE RECOMMENDED
OSHA PEL:20 MPPCF
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:WATER
CAS:7732-1

8-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

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

LD50 LC50 Mixture:LD50 (HUMAN): > 15,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN CONTACT: PROLONGED CONTACT MAY
HAVE A DRYING EFFECT ON THE SKIN AND MUCOUS MEMBRANES. EYE CONTACT:
MAY CAUSE DISCOMFORT AND MILD IRRITATION. INGESTION: SYNTHETIC
AMORPHOUS SILICA
IS NOT HARMFUL B Y INGESTION. INHALED: SYNTHETIC
AMORPHOUS SILICA HAS LITTLE ADVERSE EFFECT ON LUNGS AND DOES NOT
PRODUCE SIGNIFIGANT DISEASE OR TOXIC EFFECT WHEN EXPOSURE IS KEPT
UNDER REASONABLE CONTROL.
Explanation of Carcinogenicity:IARC HAS EVALUATED THE CARCINOGENIC
RISKS OF SILICA AND CONCLUDED THAT THEE IS INADEQUATE EVIDENCE FOR
THE CARCINOGENICITY OF AMORPHOUS SILICA.
Effects of Overexposure:SKIN CONTACT: PROLONGED CONTACT MAY HAVE A
DRYING EFFECT ON THE SKIN A
ND MUCOUS MEMBRANES. EYE CONTACT: MAY
CAUSE DISCOMFORT AND MILD IRRITATION.
Medical Cond Aggravated by Exposure:EXISTING MEDICAL CONDITIONS (ASTHMA
AND BRONCHITIS) MAY BE AGGARAVTED BY EXPOSURE TO DUST.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. REMOVE MATERIAL FROM
MOUTH. DRINK 1-2 GLASSES OF WATER (MILK). IF LARGE AMOUNTS
SWALLOWED OR SYMPTOMS DEVELOP OBTAIN MEDIAL ATTENTION. INHALATION:
REMOVE FROM SO
URCE OF EXPOSURE. OBTAIN MEDICAL. ATTENTION IF
SYMPTOMS DEVELOP. SKIN: WASH ACCIDENTAL SPILLAGE FROM SKIN. OBTAIN
MEDICAL ATTENTION IF SYMPTOMS DEVELOP. EYES: WASH IMMEDIATELY WITH
COPIOUS AMOUNTS OF WATE R AND OBTAIN MEDICAL ATTENTION.

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

Extinguishing Media:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Fire Fighting Procedures:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Unusual Fire/Explosion Hazard:INORGANIC POWDER OR GRANULE

. WILL NOT
SUPPORT COMBUSTION.

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

Spill Release Procedures:CONTAIN SPILLAGE AND WHERE POSSIBLE DAMP WITH WATER SPRAY TO MINIMIZE DUST. TAKE PRECAUTION AGAINST EXCESSIVE DUST EXPOSURE (USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT), SHOVEL INTO BAGS OR SUITABLE CONTAINER.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage

Precautions:BAGS AND CONTAINERS SHOULD BE KEPT CLOSED AND IN A DRY PLACE. A CONSIDERABLE STATIC ELECTRICITY CHARGE CAN BE BUILT UP DURING MECHANICAL HANDLING WHICH MAY BECOME A HAZARD IN ATMOSPHERE CONTAINING FLAMMABLE VAPORS.

Other Precautions:USE LOCAL EXHAUST VENTILATION AND/OR PERSONAL EQUIPMENT AS NECESSARY TO MINIMIZE EXPOSURE TO AS LOW A LEVEL AS POSSIBLE AND IN ANY CASE BELOW EXPOSURE LIMITS.

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

Respiratory Protection:WEAR SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT IF WORKING IN CONFINED SPACES WITH INADEQUATE VENTILATION OR WHENEVER THERE IS RISK OF THE EXPOSURE LIMITS BEING EXCEEDED. ADVICE ON RESPIRATORY PROTECTIVE EQUIPMENT IS GIVEN IN ASTM E1156-88 (RE-APPROVED 1993) AND SPECIFIES STANDARD PRACTICE FOR HANDLING AMORPHOUS SILICA.

Ventilation:CONTAINMENT AND LOCAL EXHAUST VENTILATION AS NECESSARY TO PREVENT ANY EXPOSURE.

Protective Gloves:SUITABLE GLOVES.

Eye

Protection:EYE PROTECTION.

Other Protective Equipment:NONE WEAR SUITABLE OVERALLS.

Work Hygienic Practices:NO EATING, DRINKING OR SMOKING IN WORKPLACE. PRACTICE GOOD PERSONAL HYGIENE. AVOID INHALATION OF DUST.

Supplemental Safety and Health

PH FOR 10% AQUEOUS SLURRY= 3.5-8.

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

HCC:N1

Melt/Freeze Pt:=1000.C, #####F

Spec Gravity:2.2

pH:SUPPLEMENTAL

Solubility in Water:INSOLUBLE.

Appearance and Odor:CRYSTALLINE OR WHITE GRAN

ULE, ODORLESS.

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

Stability Indicator/Materials to Avoid: YES
NONE KNOWN.
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: NONE.

===== Toxicological Information =====

Toxicological Information: INGESTION: NOT HARMFUL BY INGESTION, LETHAL DOSE FOR HUMANS IS OVER 15,000 MG/KG. INHALATION: HAS LITTLE ADVERSE EFFECT ON LUNGS AND DOES NOT PRODUCE SIGNIFICANT DISEASE OR TOXIC EFFECT WHEN EXPOSURE IS KEPT UNDER REASONABLE CONTROL. SKIN: PROLONGED CONTACT MAY HAVE A DRYING EFFECT ON THE SKIN AND MUCOUS MEMBRANE. EYE: MAY CAUSE DISCOMFORT AND MILD IRRITATION.

===== Ecological Information =====

Ecological: SYNTHETIC AMORPHOUS SILICA IS VIRTUALLY INERT AND HAS NO KNOWN ADVERSE EFFECT ON THE ENVIRONMENT.

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

Waste Disposal Methods: SILICA GEL IS NOT CLASSIFIED AS A SPECIAL WASTE AND CAN BE DISPOSED OF BY LANDFILL AT AN APPROVED SITE. CONSULT LOCAL REGULATIONS BEFORE DISPOSAL.

===== MSDS Transport Information =====

Transport Information: NO SPECIAL PACKAGING REQUIREMENTS. NOT CLASSIFIED AS DANGEROUS GOODS UNDER THE UNITED NATIONS TRANSPORT RECOMMENDATIONS OR THE INTERNATIONAL MARITIME ORGANIZATION (IMO).

===== Regulatory Information =====

SARA Title III Information: NO DATA PROVIDED

IDED BY RESPONSIBLE PARTY.

Federal Regulatory Information:LISTED ON TSCA UNDER CAGE 7699-41-4.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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