

EAGLE CHEMICAL CO INC -- EAGLE SILICA GEL -- 6850-00-680-2233

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Product Identification
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Product ID:EAGLE SILICA GEL
MSDS Date:05/01/2001
FSC:6850
NIIN:00-680-2233
Status Code:A
MSDS Number: CLGZT
=== Responsible Party ===
Company Name:EAGLE CHEMICAL CO INC
Address:1500 TELEGRAPH RD
Box:107
City:MOBILE
State:AL
ZIP:36601
Country:US
Info Phone Num:334-452-9624
Emergency Phone Num:334-452-9
624
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
CAGE:18425
Company Name:ROYCO PACKAGING INC
Address:3979 MANN RD
Box:City:HUNTINGDON VALLEY
State:PA
ZIP:19006
Country:US
Phone:215-322-8082
Contract Num:SP0450-01-M-ZE84
CAGE:0LDR8

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Composition/Information on Ingredients
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Ingred Name:AMORPHOUS SILICA
CAS:7699-41-4
RTECS #:VV8850000
= Wt:95

.6
OSHA PEL:6 MG/M3, 8 HR
ACGIH TLV:10 MG/M3, 8 HR

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

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Hazards Identification
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Health Hazards Acute and Chronic:EXPOSURE TO ANY KIND OF DUST IS POTENTIALLY HARMFUL. AVOID INHALATION AND CONTACT WITH EYES AND SKIN.

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First Aid Measures
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First Aid:INGESTION: DO NOT INDUCE VOMITING. REMOVE MATERIAL FROM MOUTH. DRINK 1 TO 2 GLASSES OF WATER (OR MILK). IF LARGE AMOUNT SWALLOWED OR SYMPTOMS DEVELOP OBTAIN MEDICAL ATTENTION. INHALATION: REMOVE FROM SOURCE OF EXPOSURE. OBTAIN MEDICAL ATTENTION IF SYMPTOMS DEVELOP. SKIN: WASH ACCIDENTAL SPILLAGE FROM SKIN. OBTAIN MEDICAL ATTENTION IF SYMPTOMS DEVELOP. EYE: WASH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER AND OBTAIN MEDICAL ATTENTION.

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Fire Fighting Measures
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Extinguishing Media:NOT APPLICABLE. INORGANIC POWDER OR GRANULE. WILL NOT SUPPORT COMBUSTION.
Fire Fighting Procedures:NOT APPLICABLE. INORGANIC POWDER OR GRANULE. WILL NOT SUPPORT COMBUSTION.

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Accidental Release Measures
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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.

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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.

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

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

Ventilation: CONTAINMENT AND LOCAL EXHAUST VENTILATION AS NECESSARY TO PREVENT ANY EXPOSURE GREATER THAN THE ABOVE LIMITS.

Protective Gloves: WEAR SUITABLE GLOVES.

Eye Protection: WEAR SUITABLE EYE PROTECTION.

Other Protective Equipment: WEAR SUITABLE OVERALLS.

Work Hygienic Practices: HANDLE IN WELL VENTILATED CONDITION IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE & SAFETY PRACTICES. NO EATING, DRINKING OR SMOKING IN THE WORKPLACE. PRACTICE GOOD PERSONAL HYGIENE. AVOID INHALE DUST.

Supplemental Safety and Health

TRADE NAME: EAGLE SILICA GEL. CHEMICAL NAME: SYNTHETIC AMORPHOUS

SILICA. CHEMICAL FORMULA: SiO_2 AMORPHOUS H_2O .

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

HCC: N1

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

Spec Gravity: 2.2

pH: 3.5-8

Solubility in Water: INSOLUBLE

Appearance and Odor: CRYSTALLINE OR WHITE GRANULES; NO ODOR.

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

Stability Indicator/Materials to Avoid: YES

NONE KNOWN.

Stability Condition to Avoid: NONE KNOWN.

Hazardous Decomposition Products: NONE

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

Toxicological Information:INGESTION: SYNTHETIC AMORPHOUS SILICA IS NOT HARMFUL BY INGESTION. THE LETHAL DOSE FOR HUMANS IS ESTIMATED OVER 15000 MG/KG. INHALATION: SYNTHETIC AMORPHOUS SILICA AS LITTLE ADVERSE EFFECT ON LUNGS AND DOES NOT PRODUCE SIGNIFIGANT DISEASE OR TOXIC EFFECT WHEN EXPOSURE IS KEPT UNDER REASONABLE CONTROL. HOWEVER, EXISTING MEDICAL CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO DUST. E
FFECTS OF DUST MAY B E GREATER & OCCUR AT LOWER LEVELS IN SMOKERS THAN NO-SMOKERS. SKIN: PROLONGED CONTACT MAY HAVE A DRYING EFFECT ON THE SKIN AND MUCOUS MEMBRANES.

===== 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 =====

Federal Regulatory Information:LISTED ON TOSCA (USA)
UNDER CAS
7699-41-4.

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

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