

EAGLE CHEMICAL CO INC -- EAGLE SILICA GEL -- 6850-00-616-9146

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

Product ID:EAGLE SILICA GEL

MSDS Date:05/01/1999

FSC:6850

NIIN:00-616-9146

Status Code:A

MSDS Number: CKPTG

=== 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:334-45

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

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:SP0450-00-M-SE73

CAGE:0LDR8

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

Ingred Name:AMORPHOUS SILICA

CAS:7699-41-4

Code:F

RTECS #:VV88500

00
= Wt:95.6

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

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

LD50 LC50 Mixture:HUMAN ESTIMATED LD50 >15000 MG/KG
Reports of Carcinogenicity:NTP:UNKNOWN IARC:NO
Health Hazards Acute and Chronic:EXPOSURE TO ANY KIND OF DUST IS
POTENTIALLY HARMFUL. AVOID INNHALATION AND CONTACT WITH EYES AND
SKIN. SKIN CONTACT: PROLONGED CONTACT MAY HAVE A DRYING EFFECT ON
THE SKIN AND MUCOUS MEMBRANES. E
YE CO NTACT: MAY CAUSE DISCOMFORT
AND MILD IRRITATION. INHALATION: SYNTHETIC AMORPHOUS SILICA HAS
LITTLE ADVERSE EFFECT ON LUNGS AND DOES NOT PRODUCE SIGNIFIGANT
DISEASE OR TOXIC EFFECT WHEN EXPOSURE IS KEP T UNDER REASONALBLE
CONTROL.
Explanation of Carcinogenicity:IARC 5TH EDITION CONCLUDED THAT THERE
WAS INSUFFICIENT EVIDENCE OF CARCINOGENICITY OF AMORPHOUS SILICA.
Effects of Overexposure:EXPOSURE TO ANY KIND OF DUST IS POTENTIALLY
HARMFUL. AVOID INNHALATION AND CONTAC
T WITH EYES AND SKIN. SKIN
CONTACT: PROLONGED CONTACT MAY HAVE A DRYING EFFECT ON THE SKIN AND
MUCOUS MEMBRANES. EYE CO NTACT: MAY CAUSE DISCOMFORT AND MILD
IRRITATION.
Medical Cond Aggravated by Exposure:EXISTING MEDICAL CONDITIONS (E.G.
ASTHMA, BRONCHITIS) MAY BE AGGRAVATED BY EXPOSURE TO DUST.

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

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. EYES: WASH IMMEDIATELY WITH
COPIOUS AMOUNTS OF WATER AND OBTAIN MEDICAL ATTENTION.

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

Extinguishing Media:NOT APPLICABLE. INORGANIC POWDER OR GRANULE. WILL

NOT SUPPORT COMBUSTION.

Fire Fighting Procedures:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== 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:N

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:BAGS & CONTAINERS SHOULD BE KEPT CLOSED & 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 &/OR PERSONAL EQUIPMENT TO MINIMIZE EXPOSURE TO AS LOW A LEVEL AS POSSIBLE AND IN

ANY CASE BELOW EXPOSURE LIMITS. AVOID INHALATION OF DUST.

===== 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.

Ven

tilation: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:NO EATING, DRINKING OR SMOKING IN THE WORKPLACE. PRACTICE GOOD PERSONAL HYGIENE. AVOID INHALATION OF DUST.

Supplemental Safety and Health

HANDLE IN WELL VENTILATED CONDITION IN ACCORDANCE WITH GOOD INDUSTRIAL

HYGIENE AND SAFETY PRACTICES.

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

HCC:N1

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

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 AAT OVER 15000 MG/KG. INHALATION: SYNTHETIC AMORPHOUS SILICA HAS LITTLE ADVERSE EFFECTS ON LU NGS AAND DOES NOT PRODUCE SSIGNIFIGANT DISEASE OR TOXIC EFFECT WHEN EXPOSURE IS KEPT UNDER REASONABLE CONTROL. HOWEVER, EXISTING MEDICAL CONDITIONS (E.G. ASTHMA, BRONCHITIS) MAY BE AGGRAVATED BY EXPOS URE TO DUST. EFFECTS OF DUST MAY BE GREATER AND OCCUR AT LOWER LEVELS OF EXPOSURE IN SMOKERS COMPARED TO NON-SMOKERS.

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

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== 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 REGULATION 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 BY RESPONSIBLE PARTY.
Federal Regulatory Information:LISTED ON TSCA UNDER CAS# 7699-41-4.
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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