

EAGLE CHEMICAL CO INC -- EAGLE SILICA GEL -- 6850-00-663-9415

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

Product ID:EAGLE SILICA GEL

MSDS Date:05/01/1999

FSC:6850

NIIN:00-663-9415

Status Code:A

MSDS Number: CKWCQ

=== 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:334-452-9624

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:SP0450-01-M-D-132

CAGE:0LDR8

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

Ingred Name:AMORPHOUS SILICA (METASILICIC ACID)

CAS:7699-41-4

RT

ECS #:VV8850000
= Wt:95.6
OSHA PEL:6 MG/M3 8-HR TWA

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

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

LD50 LC50 Mixture:LD50 HUMAN > 15000 MG/KG (SILICA)
Reports of Carcinogenicity:NTP:UNKNOWN IARC:NO
Health Hazards Acute and Chronic:EXPOSURE TO ANY KIND OF DUST IS
POTENTIALLY HARMFUL. AVOID INHALATION AND CONTACT WITH EYES AND
SKIN.

Explanation of Carcinogenicity:IARC HAVE EVALUATED THE CA
RCINOGENIC

RISKS OF SILICA (VOLUME 42) AND CONCLUDED THAT THERE IS ADEQUATE
EVIDENCE FOR THE CARCINOGENICITY OF AMORPHOUS SILICA.

Effects of Overexposure:SKIN: PROLONGED CONTACT MAY HAVE A DRYING
EFFECT ON THE SKIN AND MUCOUS MEMBRANES. EYE CONTACT: MAY CAUSE
DISCOMFORT AND MILD IRRITATION.

Medical Cond Aggravated by Exposure:EXISTING MEDICAL CONDITIONS
(ASTHMA, BRONCHITIS) MAY BE AGGRAVATED BY EXPOSURE TO DUST.

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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 SOURCES 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 MANUFACTURER

Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY MANUFACTURER

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

Spill Release Procedures:CONTAIN SPILLAGE AND WHERE POSSIBLE DAMP WITH
WATER SPRAY TO MINIMIZE DUST. TAKE PRECAUTION AGAINST EXCESSIVE
DUST EXPOSURE

RE (USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT),
SHOVEL INTO BAGS OR SUITABLE CONTAINER.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER.

===== 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 A RISK OF THE EXPOSURE LIMITS BEING EXCEEDED.
ADVICE ON RESPIRATORY PROTECTIVE EQUIPMENT IS GIVEN IN AS

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E1156-88 (REAPPROVED 1993) AND SPECIFIES STANDARD PRACTICE FOR
HANDLING AMORPHOUS SILICA.

Ventilation:CONTAINMENT AND LOCAL EXHAUST 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.

Supplement

al 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.

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:STABLE; NO DATA PROVIDED

VIDED BY MANUFACTURER.
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 HAS LITTLE ADVERSE EFFECT ON LUNGS AND DOES NOT PRODUCE SIGNIFIGANT DISEASEOR TOXIC EFFECT WHEN EXPOSURE IS KEPT UNDER REASONABLE CONTROL. HOWEVER, EXISTING MEDICAL CONDITIONS (ASTHMA, BRONCHITIS) MAY BE AGGRAVATED BY EXPOSURE TO DUST. EFFECTS OF DUST MAY BE GREATER AND OCCUR AT LOWER LEVELS IN SMOKERS COMPARED TO NON-SMOKERS. FURTHER INFORMATION CAN BE FOUND IN THE ACGIH PUBLICATION "DOCUMENTATION OF THE THRESHOLD LIMIT VALUES AND BIOLOGICAL INDICES-FITH EDITION".

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

Ecological:NO DATA PROVIDED BY MANUFACTURER.

===== Disposal Considerations =====
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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 INTERNATION MARITIME ORGANIZATION (IMO).

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

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER.
Federal Regulatory Information:LISTED ON TSCA (USA) UNDER CAS# 7699-41-4.
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

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