

ASHWORTH INSTRUMENTATION -- SPEEDY REAGENT MC321A -- 6635-00-976-3463

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Product Identification
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Product ID:SPEEDY REAGENT MC321A

MSDS Date:01/01/1987

FSC:6635

NIIN:00-976-3463

MSDS Number: BRKTD

=== Responsible Party ===

Company Name:ASHWORTH INSTRUMENTATION

Address:SYCAMORE AVENUE DURNLEY

City:LANCASHIRE

Country:UK

Info Phone Num:0282-26554

Emergency Phone Num:0282-26554

CAGE:ASHWO

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Contractor Identification ===

Company Name:ASHWORTH INSTRUMENTATION

Address:SYCAMORE AVENUE DURNLEY

Box:City:LANCASHIRE

Country:UK

Phone:0282-26554

CAGE:ASHWO

Company Name:ELE INTL INC

Address:2421 HWY 11

Box:City:PELHAM

State:AL

ZIP:35124

Country:US

Phone:205-620-2260

CAGE:98773

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Composition/Information on Ingredients
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Ingred Name:CALCIUM CARBIDE (SARA III)

CAS:75-20-7

RTECS #:EV9400000

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: AS A POWDER, CALCIUM CHLORIDE IS A NUISANCE DUST. WHEN REACTED WITH WATER IT PRODUCES CORROSIVE CALCIUM HYDROXIDE AND ACETYLENE WHICH IS AN ASPHYXIANT AND A NARCOTIC. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYES: MECHANICAL IRRITATION. INHALATION: DUST

MAY CAUSE IRRITATION OF NOSE AND THROAT. INHALATION OF ACETYLENE GAS MAY CAUSE ASPHYXIATION AND NARCOTIC EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYES/SKIN: FLUSH WITH PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR.

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Fire Fighting Measures
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Autoignition Temp:=305.C, 581.F

Lower Limits:1.5/ACETYLENE

Upper Limits:82/ACETYLENE

ENE

Extinguishing Media:USE DRY POWDER OR DRY SAND. * NEVER USE WATER OR FOAM *.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE ACETYLENE GAS AND POSSIBLY PHOSPHINE.

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Accidental Release Measures
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Spill Release Procedures:SWEEP TOGETHER CAREFULLY AND STORE IN OPEN VESSEL UNDER A PROTECTIVE ROOF OR IN A WELL VENTILATED ROOM UNTIL A REACTION TAKE PLACE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM WATER AND ATMOSPHERIC MOISTURE AT ALL TIMES. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:COVER WITH PROTECTIVE GAS LAYER. OPEN STEEL DRUMS WITH NON-SPARKING TOOLS, NO BRONZE CHISLES OR BARKS. CARBIDE MUST NOT

BE STORED LOOSE OR IN AN UNSTABLE POSITION. WHEN USING DO NOT DRINK, EAT OR SMOK E.

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

Respiratory Protection:NONE NORMALLY NEEDED.
Ventilation:LOCAL EXHAUST. USE EXPLOSION-PROOF EQUIPMENT.
Protective Gloves:RUBBER GLOVES.
Eye Protection:GOGGLES.
Other Protective Equipment:OXYGEN MONITORING EQUIPMENT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
NONE.

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

HCC:R2
Melt/Freeze Pt:=1900.C, #####F
Spec Gravity:2.5
Solubility in Water:REACTS WITH WATER.
Appearance and Odor:GRAY-WHITE SOLID. CARBIDE-LIKE ODOR.

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH WATER, ACIDS.
Stability Condition to Avoid:AVOID HUMIDITY.
Hazardous Decomposition Products:CONTACT WITH WATER PRODUCES FLAMMABLE ACETYLENE AND CORROSIVE CALCIUM HYDROXIDE.

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

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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