

R.H.CARLSON COMPANY,INC. -- NORCAST A4000 PART B -- 8040-00-097-6524

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Product Identification
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Product ID:NORCAST A4000 PART B

MSDS Date:02/23/1990

FSC:8040

NIIN:00-097-6524

Kit Part:Y

MSDS Number: BTSMC

=== Responsible Party ===

Company Name:R.H.CARLSON COMPANY,INC.

Address:41-CHESTNUT STREET

Box:1687

City:GREENWICH

State:CT

ZIP:06830-5921

Country:US

Info Phone Num:203-531-5500

Emergenc

y Phone Num:203-531-5500

CAGE:33530

=== Contractor Identification ===

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Composition/Information on Ingredients
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Ingred Name:GAMMA AMINO PROPYL TRIETHOXY SILANE

Fraction by Wt: 100% %

Other REC Limits:NONE SPECIFIED

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Hazards Identification
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Routes of Entry: Inhalation:YES

Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEALTH HAZARDS: ACUTE: SEVERE EYE AND SKIN IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION AND REDNESS OF CONTACT AREA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH MILD SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. INHALATION:REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR.
INGESTION:GIVE MILK AND INDUCE VOMITING.SEE DOCTOR.

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Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:220F,104C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. DO NOT USE DIRECT WATER STREAM.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Accidental Release Measures =====

Spill Release
Procedures:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.
VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINER

S CLOSED.

Other Precautions:MATERIAL REACTS WITH ATMOSPHERIC MOISTURE. KEEP CONTAINER CLOSED. AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:RUBBER GLOVES.

Eye Protec

tion:UNVENTED GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:N1. THIS IS PART B OF A 2-PART PRODUCT. FOR PART A, SEE PNI C, SAME NSN.

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

HCC:N1

Boiling Pt:B

.P. Text:432F,222C

Vapor Pres:50

Vapor Density:7.8

Spec Gravity:0.942

Solubility in Water:DECOMPOSES

Appearance and Odor:ESSENTIALLY COLORLESS LIQUID. FAINT ODOR.

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

Stability Indicator/Materials to Avoid:YES

DECOMPOSES IN WATER.

Stability Condition to Avoid:AVOID MOISTURE, HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, SILICONE DIOXIDE, NITROGEN OXI

DES, INCOMPLETELY BURNED CARBON
PRODUCTS.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS. MANUFACTURER RECOMMENDS INCINERATION OR TREATMENT WITH
DILUTE MINERAL ACID, THEN PLACE IN LANDFILL.

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