

AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP -- 235C0910 BAR-RUST 235 CLEAR CONVERTER -- 8010-01-316-6020

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

Product ID:235C0910 BAR-RUST 235 CLEAR CONVERTER

MSDS Date:03/13/1998

FSC:8010

NIIN:01-316-6020

Status Code:A

MSDS Number: CLFGC

=== Responsible Party ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BERRY ST.

City:BREA

Sta

te:CA

ZIP:92821

Country:US

Info Phone Num:714-529-1951

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtec Ind/Phone:(800)424-9300

CAGE:55849

=== Contractor Identification ===

Company Name:AMERON INTERNATIONAL PROTECTIVE COATINGS GROUP

Address:201 NORTH BERRY ST.

Box:City:BREA

State:CA

ZIP:92821

Country:US

Phone:714-529-1951

CAGE:55849

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

Ingred Name:AROMATIC AMINE

= Wt:70.

Ingred Name:VM & P NAPHTA

= Wt:28

Ingred Name: BUTYL ALCOHOL
CAS: 71-36-3
RTECS #: EO1400000
= Wt: 6.
OSHA PEL: 300 MG/M3; 100 PPM
ACGIH STEL: C152 MG/M3; C50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ingred Name: ETHYLENEDIAMINE
CAS: 107-15-3
RTECS #: KH8575000
= Wt: 1.
OSHA PEL: 25 MG/M3; 10 PPM
ACGIH TLV: 25 MG/M3; 10 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
Health Hazards Acute and Chronic: VAPOR OR SPRA
Y MIST OR SPATTERED

MATERIAL CAN BE HARMFUL. IRRITATING TO EYES, SKIN, AND IF INHALED;
TO NOSE AND THROAT. EXCESSIVE OR PROLONGED INHALATION CAN CAUSE
HEADACHE, NAUSEA OR DIZZINESS. REPEATED AND PROLONGED OCCUPATIONAL
OVEREXPOSURE TO SOLVENTS IS ASSOCIATED WITH PERMANENT BRAIN AND
NERVOUS SYSTEM DAMAGE. INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE
EXPOSURE TO SOLVENTS MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

Effects of Overexposure: CAN AGGRAVATE OR ACCENTUATE OF THESE EFFECTS.

SKIN: IRRITANT. SEVERE BURNS. SENSITIZATION OR ALLERGIC REACTION
SUCH AS RASH AND HIVES. INHALATION: IRRITANT. LUNG INJURY.
RESPIRATORY SENSITIZATION AND ALLERGIC REACTION SUCH AS ASTHMA.
INHALATION OF ETHYLENEAMINES MAY CAUSE RESPIRATORY SENSITIZATION
AND DEVELOPMENT OF ASTHMATIC REACTION. CENTRAL NERVOUS SYSTEM
DAMAGE. EYES: IRRITANT. SEVERE BURNS. INGESTION: HARMFUL IF
SWALLOWED.

Medical Condition Aggravated by Exposure: SKIN. RESPIRATORY. ALLERGIES.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE NORMAL BREATHING.
TREAT SYMPTOMATICALLY. SEE PHYSICIAN. SKIN: WASH THOROUGHLY WITH
SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF
IRRITATION PERSISTS. EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER
FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. INGESTION: DRINK
TO 1 TO 2 GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH
TO AN
UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING (UNLESS METHANOL;
LISTED IN SECTION 2) CONSULT PHYSICIAN OR POISON CONTROL CENTRAL
IMMEDIATELY. TREAT SYMPTOMATICALLY.

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Fire Fighting Measures
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Extinguishing Media:FOAM CO2 DRY CHEMICAL
Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT. SELF-CONTAINED
BREATHING APPARATUS. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO
PREVENT PRESSURE BUILD-UP OR EXPLOSION WHEN EXPOSED TO EXTREME
HEAT.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN
EXPOSED TO EXTREME HEAT AND PRESSURE BUILDUP. MAY PRODUCE A
FLOATING FIRE HAZARD. ISOLATE FROM ELECTRICAL EQUIPMENT, SPARKS,
HEAT AND OPEN FLAME. VAPORS MAY SPREAD LONG DISTANCE, CAUSE FLASH
FIRE OR IGNITE EXPLOSIVELY.

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Accidental Release Measures
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID
BREATHING VAPORS. VENTILATE AREA. USE ABSORBENT, INERT CLEANUP
MATERIALS. (DO NOT USE SAWDUST.) REMOVE ABSORBENT MATERIAL WITH
NON-SPARKING TOOLS. PLACE IN SEPARATE CONTAINER. KEEP OUT OF
SEWERS AND WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY
LOCAL AUTHORITIES.

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Handling and Storage
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Handling and Storage Precautions:KEEP CONTAINER CLOSED, UPRIGHT WHEN
NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID
PROLONGED STORAGE TEMPERATURES ABOVE 100F. USE CAUTION WHEN

POURING. AVOID BREATHING SANDING DUST. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINERS.

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

Respiratory Protection:WEAR NIOSH/MSHA CERTIFIED RESPIRATOR DESIGNED TO REMOVE A COMBINATION OF PARTICULATES (DUST OR SPRAY MIST) AND VAPOR. WHEN BRUSHING, ROLLING OR SPREADING SELECT THE APPROPRIATE RESPIRATORY PROTECTION FOR THE CONDITION.

Ventilation:IMPLEMENT ADMINISTRATIVE AND ENGINEERING CONTROLS TO REDUCE EXPOSURE

. PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN.

Eye Protection:WEAR SOLVENT RESISTANT GLASSES WITH SPLASH GUARDS OR FACE SHIELD.

Other Protective Equipment:DEPENDENT UPON APPLICATION METHOD, WEAR RESISTANT COVERALLS, GLOVES AND SHOES COVERINGS TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET. LAUNDRY CONTAMINATED CLOTHING BEFORE USE. DESTROY CONTAMINATED LEATHER AND ABSORBENT SHOES WHICH CAN

NOT BE DECONTAMINATED.

Supplemental Safety and Health

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

Boiling Pt:=100.C, 212.F

B.P. Text:212-244F

Vapor Density:>AIR

VOC Pounds/Gallon:288

VOC Grams/Liter:7.98

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:NO

Appearance and Odor:LIQUID SOLVENT

Percent Volatiles by Volume:49.48

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

Stability Indicator/Materials to Avoid:YES

STRONG

G OXIDERS, ACIDS AND ALKALIES.

Stability Condition to Avoid:HEAT, OPEN FLAME, ARC OR SPARKS.

Hazardous Decomposition Products:CO, CO2, NOX, ALDEHYDES

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

Waste Disposal Methods:PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER
IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL
REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY
CHARACTERISTIC LEACHING PROCEDUR E.

===== Other Informati

on =====

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