

Z-014E-R SEMI VOLATILE COMPOSITE 2

MSDS Number

BWJNJ

National Stock Number

6550-00F037637

Product Name

Z-014E-R SEMI VOLATILE COMPOSITE 2

Manufacturer

ACCUSTANDARD INC

Product Identification

Product ID: Z-014E-R SEMI VOLATILE COMPOSITE 2

MSDS Date: 06/28/1994

FSC: 6550

NIIN: 00F037637

MSDS Number: BWJNJ

Responsible Party

ACCUSTANDARD INC

25 SCIENCE PK SUITE 687

NEW HAVEN , CT 06511-5000

US

Emergency Phone: 203-786-5290

Info Phone: 203-786-5290

Cage: 0U4A8

Contractor

ACCUSTANDARD INC

NEW HAVEN, CT 06513

US

800-442-5290

Cage: 0U4A8

Ingredients

AMINO BENZENE, ANILINE (SUSPECTED ANIMAL CARCINOGEN - IARC

CAS: 62-53-3

RTECS: BW6650000

Fraction By Weight: 0.2%

OSHA PEL19 MG/CUM

ACGIH TLV: 7.6 MG/CUM (SKIN)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BENZYL ALCOHOL

CAS: 100-51-6

RTECS: DN3150000

Fraction By Weight: 0.2%

4-CHLOROANILINE

CAS: 106-47-8

RTECS: BX0700000

Fraction By Weight: 0.2%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DIBENZOFURAN

CAS: 132-64-9

RTECS: HP4430000

Fraction By Weight: 0.2%

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

2-METHYLNAPHTHALENE

CAS: 91-57-6

RTECS: QJ9635000

Fraction By Weight: 0.2%

2-NITROANILINE

CAS: 88-74-4

RTECS: BY6650000

Fraction By Weight: 0.2%

3-NITROANILINE

CAS: 99-09-2

RTECS: BY6825000

Fraction By Weight: 0.2%

P-NITROANILINE

CAS: 100-01-6

RTECS: BY7000000

Fraction By Weight: 0.2%

OSHA PEL6 MG/CUM

ACGIH TLV: 3 MG/CUM (SKIN)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PYRIDINE

CAS: 110-86-1

RTECS: UR8400000

Fraction By Weight: 0.2%

OSHA PEL15 MG/CUM

ACGIH TLV: 16 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DICHLOROMETHANE (METHYLENE CHLORIDE) (SUSP HUMAN CARC BY

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 98.2%

ACGIH TLV: 174 MG/CUM (A2)

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRITATION TO MUCOUS MEMBRANES.
EYES: IRRITATION, MAY CAUSE EYE INJURY. INHALATION: HIGH VAPOR
CONCENTRATION CAUSES DEATH. INGESTION: MAY CAUSE IRRITATION OF THE
GI TRACT. METHYLENE CHLORIDE CAN BE ASPIRATED INTO THE LUNGS,
WHICH CAN CAUSE CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. TOXIC. (SEE
SUPP)
Explanation of Carcinogenicity:SEE INGREDIENTS
Effects of Overexposure:IRRITATION, DIZZINESS, NAUSEA, HEADACHE,
NARCOSIS, IRREGULAR HEARTBEATS, COMA, VOMITING.
Medical Cond Aggravated by Exposure:HEART, KIDNEY & LIVER

First Aid

First Aid:SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH
THOROUGHLY W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR,
GIVE CPR IF NEEDED. INGESTION: ASPIRATION HAZARD. DON'T INDUCE
VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE
Lower Limits:13
Upper Limits:23
Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL
Fire Fighting Procedures:WEAR SCBA
Unusual Fire/Explosion Hazard:FORMS FLAMMABLE VAPOR-AIR MIXTURES >
AMBIENT TEMPS.

Accidental Release

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQUIPMENT. ELIMINATE
ANY IGNITION SOURCES UNTIL THE AREA IS DETERMINED TO BE FREE FROM
EXPLOSION/FIRE HAZARDS.CONTAIN THE RELEASE & ELIMINATE ITS SOURCE,
IF THIS CAN BE DONE WITHOUT RISK.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN A COOL, WELL-VENTILATED AREA AWAY FROM OPEN FLAMES.
Other Precautions:MATERIAL MUST BE HANDLED/TRANSFERRED IN AN APPROVED
FUME HOOD/W/EQUIVALENT VENTILATION. DON'T BREATHE VAPOR/MIST. DON'T
GET IN EYES, SKIN/CLOTHING.

Exposure Controls

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED AIR SUPPLIED

RESPIRATOR. OSHA ALSO PERMITS OTHER NIOSH/MSHA RESPIRATORS,
NEGATIVE PRESSURE TYPE.
Ventilation:EQUIVALENT/APPROVED FUME HOOD
Protective Gloves:VITON, POLYVINYL ALCOHOL/EQUIVALENT
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:EYEWASH & SAFETY EQUIPMENT
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DON'T TAKE
INTERNALLY.

Supplemental Safety and Health

HEALTH HAZARD CONT'D: EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS & CAN
AFFECT LIVER, KIDNEYS & CENTRAL NERVOUS SYSTEM.

Chemical Properties

Boiling Pt:B.P. Text:103.64F

Melt/Freeze Pt:M.P/F.P Text:-139F

Vapor Pres:340

Vapor Density:2.93

Spec Gravity:1.326

Evaporation Rate & Reference:(BU AC = 1): 27.5

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS LIQUID W/ETHER LIKE ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

BASES, OXIDIZERS, ALKALI METALS, ALUMINUM & MAGNESIUM POWDER, SODIUM,
POTASSIUM & LITHIUM.

Stability Condition to Avoid:OPEN FLAME, WELDING ARCS, HOT SURFACES,
IGNITION SOURCE.

Hazardous Decomposition Products:HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.

Disposal

Waste Disposal Methods:DISPOSE AS HAZARDOUS WASTE IAW/FEDERAL, STATE &
LOCAL REGULATIONS.

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