ACCUSTANDARD INC. -- ISOOCTANE -- 6810-01-300-6544

Product Identification

Product ID: ISOOCTANE
MSDS Date: 06/07/1991
FSC: 6810
NIN: 01-300-6544
MSDS Number: BSVRD

Responsible Party

Company Name: ACCUSTANDARD INC.
Address: 25 SCIENCE PARK, SUITE 687
City: NEW HAVEN
State: CT
ZIP: 06511
Country: US
Info Phone Num: 203-786-5290
Emergency Phone Num: 203-786-5290
CAGE: 004A8

Contractor Identification

Company Name: ACCUSTANDARD INC
Address: 125 MARKET ST
Box: City: NEW HAVEN
State: CT
ZIP: 06513
Country: US
Phone: 800-442-5290
CAGE: 004A8

Composition/Information on Ingredients

Ingredient: ISOOCTANE
CAS: 26635-64-3
RTECS #: NS7240000
Other REC Limits: NONE RECOMMENDED

Ingredient: 2,2,4-TRIMETHYLPENTANE (ISOBUTYLTRIMETHYL METHANE)
CAS: 540-81-1
RTECS #: SA3320000
Other REC Limits: NONE RECOMMENDED

Hazards Identification

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Routes of Exposure: NTP: NO IARC: NO OSHA: NO
Health Hazards: Acute and Chronic: MILD EYE AND MUCUS MEMBRANE IRRITANT, PRIMARY SKIN IRRITANT, AND CENTRAL NERVOUS SYSTEM DEPRESSANT. ACUTE EXPOSURE CAUSES IRRITATION, NARCOSIS AND G/I TRACT IRRITATION.
Explanation of Carcinogenicity: MANUFACTURER GAVE NO COMMENTS OTHER THAN THE ABOVE REFERENCES TO THE THREE LISTINGS.
Effects of Overexposure: CAUSES DIZZINESS, NAUSEA, INCOORDINATION, STUPOR AND UNCONCIUSNESS.
Medical Cond Aggravated by Exposure: DERMATITIS

First Aid Measures

First Aid: IN CASE OF EYE OR SKIN CONTACT, FLUSH WITH WATER. IN CASE OF INHALATION PROVIDE FRESH AIR, OXYGEN. CONTACT PHYSICIAN.

Fire Fighting Measures

Flash Point Method: CC
Flash Point: 17.6°F, -8.0°C
Lower Limits: 1.1
Upper Limits: 6.0
Extinguishing Media: CARBON DIOXIDE, WATER, DRY CHEMICAL POWDER
FIRE FIGHTING PROCEDURES: PROTECT FROM INHALATION OF POTENTIALLY TOXIC FUMES.

UNUSUAL FIRE/EXPLOSION HAZARD: VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES AND FLASH PLANT. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. (OSHA CLASS 1B FLAMMABLE LIQUID).

 Accidental Release Measures ----------------------

SPILL RELEASE PROCEDURES: DUE TO SMALL QUANTITY INVOLVED, LEAKING AMPOULE MAY BE DISPOSED OF IN PLASTIC BAG WITH TEST OF HAZARDOUS CHEMICAL WASTE. VERNICULITE ABSORBING SPILLS SHOULD BE DISPOSED OF SIMILARLY.

 Handling and Storage ----------------------

HANDLING AND STORAGE PRECAUTIONS: STORE IN COOL VENTED AREA, FLAMMABLE LIQUID STORAGE AREA. GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

OTHER PRECAUTIONS: HANDLE IN FUME HOOD WITH GLOVES.

 Exposure Controls/Personal Protection ----------------------

RESPIRATORY PROTECTION: ORGANIC FILTER MASK
VENTILATION: USE FUME HOOD FOR LOCAL EXHAUST. MECHANICAL, SPECIAL OR OTHER EXHAUST LISTED AS "NA" BY SUPPLIER.

PROTECTIVE GLOVES: RUBBER OR PLASTIC
EYE PROTECTION: GOGGLES
OTHER PROTECTIVE EQUIPMENT: NONE

WORK HYGIENIC PRACTICES: HANDLE LIKE OTHER LABORATORY CHEMICALS.

SUPPLEMENTAL SAFETY AND HEALTH
THIS ITEM WAS PURCHASED BY DGSC (CX) WITHOUT NSNalthough it appears to be the same as the NSN managed by KX.

 Physical/Chemical Properties ----------------------

HCC: E2
NRC/State Lic Num: NONE
BOLING PT: B.P. Text: 210°F, 99°C
MELT/FREEZE PT: M.P./F.P. Text: -161°F, -107°C
VAPOR PRESS: 41 MM
VAPOR DENSITY: 3.9
SPEC GRAVITY: 0.69

SOLUBILITY IN WATER: NEGLIGIBLE <0.1%
APPEARANCE AND ODOR: COLORLESS MOBILE LIQUID, MILD GASOLINE ODOR

 Stability and Reactivity Data ----------------------

STABILITY INDICATOR/MATERIALS TO AVOID: YES
OXIDIZING AGENTS, HEAT & FLAME
STABILITY CONDITION TO AVOID: NO INFORMATION GIVEN ON MSDS BY MFR.
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE
CONDITIONS TO AVOID POLYMERIZATION: WILL NOT OCCUR

 Disposal Considerations ----------------------

WASTE DISPOSAL METHODS: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. SEE SPILL/RELEASE PROCEDURES.

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