

UNION CARBIDE CORP -- STYRENE -- 6810-00-987-4126

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Product Identification
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Product ID:STYRENE
MSDS Date:01/01/1987
FSC:6810
NIIN:00-987-4126
MSDS Number: BGBYG
=== Responsible Party ===
Company Name:UNION CARBIDE CORP
Address:39 OLD RIDGEBURY ROAD
City:DANBURY
State:CT
ZIP:06817-0001
Country:US
Info Phone Num:800-822-4357
Emergency Phone Num:800-822-4357
CAGE:61637
=== Contractor Identifi
fication ===
Company Name:UNION CARBIDE CORP
Address:39 OLD RIDGEBURY ROAD
Box:City:DANBURY
State:CT
ZIP:06817-0001
Country:US
Phone:800-822-4357/732-563-5522 (MSDS)
CAGE:61637

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Composition/Information on Ingredients
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Ingred Name:STYRENE, MONOMER (SARA III)
CAS:100-42-5
RTECS #:WL3675000
Fraction by Wt: 100%
OSHA PEL:100 PPM
ACGIH TLV:S,50PPM/100STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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Effects of Overexposure:EYES:IRRITATION BY
LIQ/VAP;INHAL/INGEST:IRRITATES NOSE/THROAT.CAUSES
NAUSEA,HEAD,VOMIT;SKIN:IRRITN.

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===== First Aid Measures =====

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER
SYMPTOMS OF OVEREXPOSURE.

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===== Fire Fighting Measures =====

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ash Point:103F TOC
Autoignition Temp:Autoignition Temp Text:914F
Lower Limits:1.1
Upper Limits:6.1
Extinguishing Media:SM FIRES;CO*2,DRY CHEMICALS;LG FIRES:FOAM,WETTING
AGENT
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK.
EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL
:ABSORB W. INERT
ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA W. WATER. LG
SPILL: DIKE AHEAD FOR LATER DISPOSAL. NOTIFY AUTHORITIES.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW
FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS
CLOSED. MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.
Other Precautions:USE W/ADEQUATE VENTILATION.KEEP AWAY FROM
HEAT,SPARKS,&FIRE.AVOID PROLO

INGED OR REPEATED CONTACT

W/SKIN:CAUTION!PROLONGED OR REPEATED BREATHING OF VAP MAY BE HARMFUL.

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

Respiratory Protection:SCBA, SUPPLIED AIR RESPIRATOR
Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACCEPTABLE.
Protective Gloves:PLASTIC
Eye Protection:GOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Supplemental Safety and Health

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

HCC:F
4
Boiling Pt:B.P. Text:145F(293C)
Vapor Pres:5
Vapor Density:3.6
Spec Gravity:0.9075
Evaporation Rate & Reference:0.49(BU-ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR,COLORLESS LIQUID,CHARACTERISTIC ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS & STRONG ACIDS
Stability Condition to Avoid:HEAT & FLAMES
Hazardous Decomposition Products:CO, CO*2 BY THERMAL DEC
OMPOSITION
Conditions to Avoid Polymerization:CONTAMINATION WITH PEROXIDES,STRONG
ACIDS & HIGH TEMPERATURE

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

Waste Disposal Methods:ELIMINATE IGNITION SOURCES. DESTROY BY LIQUID
INCINERATION. INCINERATION WILL BE EASIER BY MIXING WITH A MORE
FLAMMABLE SOLVENT. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL
APPLICABLE INTERNATIONAL,F ED,STATE & LOCAL REGULATIONS.

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