

DOW CHEMICAL CO. -- STYRENE MONOMER 12T & 50T -- 6810-00-987-4126

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Product Identification
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Product ID:STYRENE MONOMER 12T & 50T

MSDS Date:01/01/1985

FSC:6810

NIIN:00-987-4126

MSDS Number: BGBYH

=== Responsible Party ===

Company Name:DOW CHEMICAL CO.

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:48640-6030

Country:US

Emergency Phone Num:NONE

CAGE:MO274

=== Contractor Identification =

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Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

Company Name:DOW CHEMICAL CO.

Address:2020 DOW CENTER

Box:City:MIDLAND

State:MI

ZIP:48640-6030

Country:US

CAGE:MO274

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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: 99.5%

OSHA PEL:100 PPM

ACGIH TLV:S,50PPM/100STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:10

00 LBS

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Hazards Identification
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Effects of Overexposure:BAD ODORANT,EYE & NASAL
IRRITATION,DIZZINESS,DRUNKENESS;HIGH LEVELS-ANESTHESIA.

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First Aid Measures
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First Aid:EYE & SKIN:FLUSH WITH WATER.INHALATION-REMOVE TO FRESH
AIR,KEEP WARM & QUIET,CPR IF NECESSARY.INGESTION-NO KNOWN
ANTIDOTE.OBTAIN IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:88F CC
Autoignition Temp:Autoignition Temp Text:914F
Lower Limits:1.1
Upper Limits:6.1
Extinguishing Media:WATER FOG,FOAM,CO*2,DRY CHEMICAL
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:POLYMERIZATION MAY OCCUR AT HI TEMP;IN A
CONTAINER VIOLENT RUPTURE IS POSSIBLE.

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Accidental Release Measures
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Spill Release Procedures:SMALL SPILL:ABSORB WITH SUITABLE AGENT,WASH
W.SOAP & WATER.LARGE SPILL:CONTAIN W.DIKES,PUMP WATER INT
O
AREA,SALVAGE FOR INCINERATION OR REUSE.

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Handling and Storage
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Handling and Storage Precautions:CONTROLLED TEMPERATURE STORAGE
5 PPM, CARE & CAUTION TO AVOID
EXPLOSION.
Other Precautions:VAPOR IS 1.1 TIMES HEAVIER THAN AIR AT 100F;IGNITION
AT 914F.

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Exposure Controls/Personal Protection
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Respiratory Protection:FOR 100 PPM OR MORE USE SELF CNTNED BREATHING
APPARATUS.LOCAL-NATURA
Ventilation:VENT SUF

FICIENT.DOWN DRAFT MECHANICAL EXHAUST.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:GLOVES:NON-SOLUBLE PLASTIC

Supplemental Safety and Health

TRADE NAME(CONT):PHENYLETHYLENE,STYROL,VINYLBENZENE,CINNAMENE,CINNAMOL.

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

HCC:F3

Boiling Pt:B.P. Text:293.4F

Vapor Pres:4.5

Vapor Density:3.6

Spec Gravity:0.905

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID,SWEET ODOR WHEN PURE,SHARP ODOR
WHEN IMPURE

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:NO

AVOID ACID,BASE,CORROSIVE & OXIDIZING MATERIAL

Stability Condition to Avoid:OPEN FLAME,SEALED CONTAINERS MAY RUPTURE
AT HI TEMPERATURES.

Conditions to Avoid Polymerization:HEAT,METAL SALTS,SUCH AS FERRIC &
AMMONIUM CHLORIDES.

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

Waste Disposal Methods:INCINERATE IN PR

OPER FURNACE IN ACCORDANCE

W.FEDERAL,STATE & LOCAL REGULATIONS.

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