

MALLINCKRODT BAKER, INC. -- V091 STYRENE (STABILIZED) -- 6810-00-987-4126

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Product Identification
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Product ID:V091 STYRENE (STABILIZED)

MSDS Date:12/08/1996

FSC:6810

NIIN:00-987-4126

MSDS Number: BWSGM

=== Responsible Party ===

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num

:908-859-2151

Resp. Party Other MSDS Num.:MSDS NUMBER: S6986

Chemtrec Ind/Phone:(800)424-9300

CAGE:HO851

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:COMPTECH CORP

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279; 301-519-3401

Contract Num:SP0450-01-M-D333

CAGE:0BR38

Company Name:EMULTEC INDUST

RIAL PRODUCTS INC
Address:1150 HAYDEN DR SUITE 100
Box:City:CHARROLLTON
State:TX
ZIP:75006
Country:US
Phone:972-417-1288
CAGE:0WA27

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC
Address:15944 DERWOOD RD
Box:City:ROCKVILLE
State:MD
ZIP:20855
Country:US
Phone:800-284-5279
Contract Num:SP040099MC335
CAGE:1ELU0

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC
Address:15944 DERWOOD RD
Box:City:ROCKVILLE
State:MD
ZIP:20855
Country:US
Phone:800-284-5279
Contract Num:SP0450-99-MNG27
CAGE:1ELU0

Compan
y Name:MALLINCKRODT BAKER INC
Address:222 RED SCHOOL LANE
Box:City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:800-582-2537
CAGE:HO851

Company Name:MALLINCKRODT BAKER, INC.
Address:222 RED SCHOOL LANE
Box:City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:800-582-2537
CAGE:70829

Company Name:SHAPE PRODUCTS
Address:1127 57TH AVE.
Box:City:OAKLAND
State:CA
ZIP:94621-4427
Country:US
Phone:510-534-1186 OR 800-444-0015
CAGE:3D869

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

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Ingred Name:STYRENE MONOMER (SARA 313)

CAS:100-42-5

RTECS #:WL3675000

Minumum % Wt:90.

Maxumum % Wt:100.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:S,50PPM/100STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chro

nic:TARGET ORGANS: CENTRAL NERVOUS SYSTEM,

RESPIRATORY SYSTEM, EYES, SKIN. INHALATION: EXCESSIVE INHALATION

RESPIRATORY SYSTEM, IRRITATION, MAY CAUSE PULMONARY EDEMA,

NARCOSIS. INGESTION: IRRITATION AND BURNS TO MOUTH AND STOMACH.

SKIN: BURNS. EYE: IRRITATION, BURNS. CHRONIC: CENTRAL NERVOUS

SYSTEM DEPRESSION.

Explanation of Carcinogenicity:STYRENE (100-42-5) : IARC "2B" CATEGORY.

Effects of Overexposure:INHALATION: PULMONARY EDEMA, NARCOSIS.

INGESTION: IRRITATION, BURN

S TO MOUTH & STOMACH. SKIN: BURNS. EYES:

IRRITATION, BURNS.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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

First Aid:INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT

BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,

GIVE OXYGE. PROMPT ACTION IS ESSENTIAL. INGESTION: INDUCE VOMITING

IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING

BYMOUTH TO AN UNCONSCIOUS PE

RSON. GET MEDICAL ATTENTION. SKIN: IN

CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT

LEAST 15 MIN W HILE REMOVING CONTAMINATED CLOTHING & SHOES. WASH

CLOTHING BEFORE REUSE. EYE: IN CASE OF EYE CONTACT, IMMEDIATELY

FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

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

Flash Point Method:CC

Flash Point:=31.1C, 88.F

Autoignition Temp:=490.C, 914.F

Lower Limits:1.1

Upper Limits:6.1

Extinguishing

Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
(WATER MAY BE INEFFECTIVE).

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. MOVE EXPOSED CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:VAPOR MAY FLOW ALONG SURFACE TO DISTANT SOURCE OF IGNITION AND FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXplode.CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING OR FLAMES IN AREA. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. USE WATER SPRAY TO REDUC E VAPORS. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE INTO C ONTAINER FOR LATER DISPOSAL. FLUSH AREA WITH WATER. J.T. BAKER SOLUSORB ADSORBENT IS RECOMMENDED FOR SPILLS.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER.

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

Handling and Storage Precautions:BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQUID. STORE IN LIGHT-RESISTANT CONTAINERS. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES (VAPORS, LIQUID); OBS ERVE ALL WARNINGS & PRECAUTIONS LISTED FOR THE PRODUCT.

Other Precautions:FLAMMABLE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, &/OR SOLID) & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHIN G VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. AVOID DIRECT SUN.

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

Respiratory Protection:FOR CONDITIONS OF USE WHERE EXPOSURE TO SUBSTANCE I

S APPARENT,CONSULT AN INDUSTRIAL HYGIENIST.FOR
EMERGENCIES,OR WHERE EXPOSURE LEVELS ARE NOT KNOWN, USE
FULL-FACEPIECE POSITIVE-PRESSURE,AIR-SUPPLIED RESPIRATOR.
WARNING:AIR PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN
OXYGEN-DEFICIENT ATMOSPHERES.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SAFETY GLASSES OR GOGGLES WITH FULL-FACE SHIELD
Ot

her Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING INCLUDING
BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS, AS APPROPRIATE, TO
PREVENT SKIN CONTACT. MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH
FACILITIES IN WORK AREA.

Work Hygienic Practices:WASH CLOTHING BEFORE RESUE.

Supplemental Safety and Health

DANGER! FLAMMABLE! CAUSES BURNS. HARMFUL IF SWALLOWED OR INHALED.

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

HCC:F3

Boiling Pt:=145.C, 293.F

Melt/Freeze Pt:=-

-31.C, -23.8F

Vapor Pres:5 @ 20C/68F

Vapor Density:3.6(AIR=1)

Spec Gravity:0.91

pH:NO INFO FOUND

Evaporation Rate & Reference:NO INFORMATION FOUND

Solubility in Water:NEGLIGIBLE (