

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- BENZALDEHYDE -- 6810-00-063-6955

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Product Identification
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Product ID: BENZALDEHYDE

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00-063-6955

MSDS Number: BCWXV

=== Responsible Party ===

Company Name: MALLINCKRODT INC., SCIENCE PRODUCT DIVISION

Emergency Phone Num: (314)982-5000

Preparer's Name: NOT PROVIDED

CAGE: 62910

=== Contractor Identification ===

Compa

ny Name: MALLINCKRODT SPECIALTY CHEMICALS CO

Address: 222 RED SCHOOL LANE

Box: City: PHILLIPSBURG

State: NJ

ZIP: 08865

Country: US

Phone: 908-859-2151

CAGE: 62910

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Composition/Information on Ingredients
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Ingred Name: BENZALDEHYDE; BENZOIC ALDEHYDE; BENZENECARBONAL; CAS
#100-52-7

CAS: 100-52-7

RTECS #: CU4375000

Fraction by Wt: >99%

ACGIH TLV: NOT KNOWN

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Hazards Identification
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Effects of Overexposure: INH: MAY IRRIT RESP TRACT; ING: MAY CAUSE SORE

THRT, RESP FAILURE; EYES/SKIN: MAY CAUSE IRRIT, RDNSS, PAIN.

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First Aid Measures
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First Aid: INHAL: RMV TO FRESH AIR. GIVE CPR/OXYGEN IF BREATHING IS DIFFICULT. GET MD; INGEST: IMMEDIATELY INDUCE VOMIT BY GIVING 2 GL OF WATER. NOTHING BY MOUTH IF UNCONSCIOUS. GET MD IMMEDIATELY; SKIN/EYES: FLUSH IMMEDIATELY W/LG QTY H²O FOR 15 MIN. RMV CONTAMINATED CLOTHES. GET MED ATTN.

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Fire Fighting Measures
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Flash Point: =

64.4C, 148.F

Autoignition Temp:=129.C, 264.2F

Lower Limits:1.4

Extinguishing Media:WATER SPRAY,DRY CHEM,ALCOHOL FOAM OR CO*2;COOL
CNTNTR W/H*2O

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR.

Unusual Fire/Explosion Hazard:ABOVE THE FLASH POINT, EXPLOSIVE
VAPOR-AIR MIXTURES MAY BE FORMED.

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

Spill Release Procedures:VENTILATE & EVAC AREA.USE PROTCTV CLOTHG &
RESP PROTCTION FM VAP.CONTAIN
& RECOVR LIQ WHEN POSS.SPILLS MAY BE
ABSORBD W/INERT MATL,VERMICULITE,DRY SAND & PLACE IN A CONTNR
PENDING DISPOSAL.DO NOT FLUS H TO SEWER.HAVE DRY POWDR EXTINGUISHR
ON HAND.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT
COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY
DAMAGE.OUTSIDE/DETACHD STG IS PREFRRD.SEPERATE FM OXIDIZG MATL.

Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VEN
TILATION.KEEP

CINTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES &
CLOTHING CONTACT. WARNING!HARMFUL IF SWALLOWD/INHLD,CAUSES IRRIT.

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

Respiratory Protection:SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS MASK

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION

Supplemental

Safety and Health

MSDS FM MFR DATED:27 AUG 85,CONFORMS TO OSHA HAZ COMM STD.

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

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=179.4C, 355.F

Vapor Pres:1

Vapor Density:3.65

Spec Gravity:1.05

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS LIQ.CHARACTESTC ODOR OF ALMOND OIL

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

Stability Indicator/Ma

terials to Avoid: YES

OXIDIZING MATLS & PERFORMIC ACID.

Stability Condition to Avoid: AVOID AIR EXPOSURE

Hazardous Decomposition Products: THRML DEGRADATION MAY PRODUCE TOXIC GASES BENZENE & CO, CO*2.

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

Waste Disposal Methods: COLLECTED WASTE MAY BE TRANSFERRED TO A CLOSED, PREFERABLY METAL, CONTAINER AND SENT TO A RCRC-APPROVED WASTE DISPOSAL FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE & LOCAL REGULATIONS.

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