View NSN Online: https://aerobasegroup.com/nsn/6810-00-984-9787

Product ID:NAPHTHALENE, 2718

MSDS Date:09/08/1997

FSC:6810

NIIN:00-984-9787

Status Code:A

MSDS Number: CKNRK === Responsible Party ===

Company Name: MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ ZIP:08865 Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:9

08-859-2151

Resp. Party Other MSDS Num.:N0090 Chemtrec Ind/Phone:(800)424-9300

CAGE:70829

=== Contractor Identification ===

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

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

Ingred Name: NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000 Minumum % Wt:90. Maxumum % Wt:100.

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 PPM/15 ST

EL

ACGIH TLV:10 PPM/15 STEL; 9293

EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 490 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-THE PREDOMINANT REACTION IS DELAYED INTRAVASCULAR HEMOLYSIS WITH SYMPTOMS OF ANEMIA, FEVER, JAUNDICE, & KIDNEY DAMAGE. INGESTION-TOXIC. INTRAVACUUL

AR HEMOLYSIS

MAY ALSO OCCUR WITH SYMPTOMS SIMILAR TO THOSE NOTED FOR INHALATION. SEVERE CASES MAY PRODUCE COMA WITH OR WITHOUT CONVULSIONS. DEATH MAY RESULT FROM RENAL FAILURE. SKIN-CAN IRRITATE THE SKIN &, ON PROLONGED CONTACT, MAY CAUSE RAS HES & ALLERGY. "SENSITIZED" INDIVIDUALS MAY SUFFER A SEVERE DREMATITIS. EYE-VERY HIGH EXPOSURES CAN DAMAGE THE NERVES OF THE EYE. CHRONIC: HAS LED TO CATARACT FORMATION IN EYES. MAY CAUSE SKIN ALLERGY.

Effects of Overexposure:I

NHALATION: INHALATION OF DUST OR VAPORS CAN
CAUSE HEADACHE, NAUSEA, VOMITING, EXTENSIVE SWEATING, AND
DISORIENTATION. INGESTION: CAN CAUSE HEADACHE, PROFUSE
PERSPIRATION, LISTLESSNESS, DARK URINE, NA USEA, VOMITING AND
DISORIENTATION. SKIN: CAN IRRITATE THE SKIN &, ON PROLONGED
CONTACT, MAY CAUSE RASHES AND ALLERGY. EYE: VAPORS & SOLID CAUSES
IRRITATION, REDNESS AND PAIN.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN, BLOOD OR VASCULAR DISORDERS O

R IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE. PARTICULARLY SUSCEPTIBLE INDIVIDUALS ARE FOUND, MOST COMMONLY IN DARK SKINNED RACES.

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. INGESTION: GIVE LARGE AMOUNTS OF WATER TO DRINK. NEVER GIVE AN YTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL

ATTENTION. SKIN: WASH WITH SOAP OR MILD DETERGENT AND WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASSIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:CC Flash Point:=87.C, 188.6F Autoignition Temp:=526.C , 978.8F

Lower Limits:0.9

Upper Limits:5.9

- Extinguishing Media:DRY CHEMICAL FOAM, WATER OR CARBON DIOXIDE. FOAM OR DIRECT WATER SPRAY ON MOLTEN NAPHTHALENE MAY CAUSE EXTENSIVE FOAMING. MOLTEN NAPHTHALENE SPATTERS IN CONTACT WITH WATER.
- Fire Fighting Procedures:IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. VAPORS CAN FLOW ALONG SUR
- **FACES TO DISTANT IGNITION**
 - SOURCE AND FLASH BACK. APPLY WATER FROM AS FAR A DISTANCE AS POSSIBLE.
- Unusual Fire/Explosion Hazard:ABOVE FLASHPOINT, VAPOR AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS NOTED ABOVE. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE OR EXPLOSION.

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

- Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA OF LEAK OR SP
- ILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

 CLEAN UP SPILLS IN A MANNER THAT DOES NOT DISPERSE DUST INTO THE
 AIR. USE NON-SPARKING TOOLS AND EQUIPMENT. RESUCE AIRBORNE DUST
 AND PREVENT SCATTERING BY MOISTENING WITH WATER. PICK UP SPILL FOR
 RECOVERY OR DISPOSAL AND PLACE IN A CLOSED CONTAINER.

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

Handling and Storage Precautions: KEEP IN TIGHTLY CLOSED CONTAINER, STORE IN A COOL, DRY VENTILATED AREA. P

ROTECT AGAINST PHYSICAL

DAMAGE. ISOLATE FROM ANY SOURCE OF HEAT OR IGNITION. KEEP AWAY FROM MOISTURE & OXIDIZERS. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES (DUST, SOLIDS).

Other Precautions:DISPOSAL: DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REQUIREMENTS. SPILL: US REGULATIONS(CERCLA) REQUIRE REPORTING SPILLS & RELEASES TO SOIL, WATER & AIR IN E XCESS OF REPORTABLE QUANTITIES. THE TOLL FREE

NUMBER FOR THE US COAST GUARD NATIONAL RESPONSE CENTER IS (800) 424-8802.

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

Respiratory Protection:IF THE EXPOSURE LIMIT IS EXCEEDED, A HALF-FACE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE & DUST/MIST FILTER MAY BE WORN FOR UP TO TEN TIMES THE EXPOSURE LIMIT OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST.

Ventilation:A

SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURES BELOW THE AIRBORNE EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEMICAL SAFETY GOGGLES AND/OR FULL FACESHIELD.

Other Protective Equipment:WEAR 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: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

J.T. BAKER PRODUCT CODE: 2718; MALLINCKRODT PRODUCT CODE: 6348.
RESPIRATOR: A FULL-FACE PIECE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE & DUST/MIST FILTER MAY BE WORN UP TO 50 TIMES THE EXPOSURE LIMI T. FOR EMERGENCIES, USE A FULL-FACE PIECE POSITIVE-PRESSURE, AIR SUPLLIED RESPIRATOR.

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

HCC:F8
Boiling Pt:=218.C, 424.4F
Mel

t/Freeze Pt:=80.C, 176.F Vapor Pres:1 @ 53C Vapor Density:4.4 Spec Gravity:1.2

Evaporation Rate & Evaporation R

========= Ecological Information ============

Ecological:ENVIRONMENTAL FATE: WHEN RELEASED INTO THE SOIL, THIS MATERIAL MAY BIODEGRADE TO A MODERATE EXTENT. WHEN RELEASED IN TO

THE SOIL, THIS MATERIAL IS EXPECTED TO LEACH INTO GROUNDWATER. WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE. WHEN RELEASED TO WATER, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE. WHEN RELEASED INTO WATER, THIS MATERIAL MAY BIODEGRADE TO A MODERATE EXTENT. WHEN RELEASED INTO THE WATER, THIS MATERIAL IS EXPECTED TO HAVE A HALF-LIFE BETWEEN 1 AND 10 DAYS. THIS MATERIAL MAY BIOACCUMULATE TO SOME EXTENT.

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Considerations	=======		===	==	==

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE HANDLED AS HAZARDOUS WASTE AND SENT TO A RCRA APPROVED WASTE FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WAST E MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS.

======== MSDS Transport Information ==============

Transport Information: DOMESTIC (LAND, D.O.T.

): PROPER SHIPPING NAME:

NAPHTHALENE, REFINED. HAZARD CLASS: 4.1. UN/NA: UN1334. PACKING GROUP: III. INFORMATION REPORTED FOR PRODUCT/SIZE: 1 KG. INTERNATIONAL (WATER, I.M.O.): P ROPER SHIPPING NAME: NAPHTHALENE, REFINED. HAZARD CLASS: 4.1. UN/NA: UN1334. PACKING GROUP: III. INFORMATION REPORTED FOR PRODUCT/SIZE: 1 KG. INTERNATIONAL (AIR, I.C.A.O.) PROPER SHIPPING NAME: NAPHTH ALENE, REFINED. HAZARD CLASS: 4.1. UN/NA: UN1334. PACKING GROUP: III. INFORMATION REPORTED

FOR PRODUCT/SIZE: 1 KG.
========== Regulatory Information =============
SARA Title III Information:SARA 302: NO. SARA 313: LIST=YES. SARA 311/312: ACUTE=YES. CHRONIC=YES. FIRE=YES. PRESSURE=NO. REACTIVITY=NO.
Federal Regulatory Information:CERCLA: 100. RCRA 261.33: U165. TSCA 8(D): NO. TSCA 12(B): NO TSCA: YES.
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