View NSN Online: https://aerobasegroup.com/nsn/6810-01-476-7258

INC. (FORMERLY J.T. BAKER INC) -- 2136-03, GLYCEROL MALLINCKRODT BAKER, 6810-01-476-7258 Product ID:2136-03, GLYCEROL MSDS Date:02/25/1999 FSC:6810 NIIN:01-476-7258 Status Code:A **MSDS Number: CLLGS** === Responsible Party === Company Name: MALLINCKRODT BAKER, INC. (FORMERLY J.T. BAKER INC) Address:222 RED SCHOOL LANE City:PHILLIPSBURG State:NJ ZIP:08865-2219 С ountry:US Info Phone Num:800-582-2537 Emergency Phone Num:908-859-2151 Resp. Party Other MSDS Num.:G4774 Chemtrec Ind/Phone:(800)424-9300 CAGE:70829 === Contractor Identification === Company Name: DOE & INGALLS OF NORTH CAROLINA Address:607 ELLIS RD BLDG 54 Box:UNKNOW City:DURHAM State:NC ZIP:27703 Country:US Phone:919-598-1986; FAX:-1707 Contract Num:SP0450-01-M-ZG43 CAGE:0BEF1 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

Ingred Name:GLYCERIN CAS:56-81-5 RTECS #:MA8050000 Minumum % Wt:90. Maxumum % Wt:100. OSHA PEL:15 MG/M3 T. DUST ACGIH TLV:10 MG/M3

LD50 LC50 Mixture:ORAL,RAT, LD50: 12,600 MG/KG

Reports of Carcinogenicity:NTP:NO IARC:NO

Health Hazards Acute and Chronic:INHALATION: DUE TO LOW VAPOR PRESSURE, INHALATION OF THE VAPORS AT R

OOM TEMPERATURE IS UNLIKELY.

INHALATION OF MIST MAY CAUSE IRRITATION OF RESPIRATORY TRACT. INGESTION: LOW TOXICITY. MAY CAUSE NAUSEA, HEADACHE, DIARRHEA. SKIN CONTACT: MAY CAUSE IRRITATION. EYE CONTACT: MAY CAUSE IRRITATION. CHRONIC EXPOSURE: MAY CAUSE KIDNEY INJURY.

Explanation of Carcinogenicity:GLYCERIN: NTP CARCINOGEN: KNOWN: NO; ANTICIPATED: NO. IARC CATEGORY: NONE.

Effects of Overexposure:INHALTION: IRRITATION OF RESPIRATORY TRACT. INGESTION: NAUSEA, HEADACHE, DIAR

RHEA. SKIN CONTACT: IRRITATION.

EYE CONTACT: IRRITATION. CHRONIC: KIDNEY INJURY.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED LIVER OR KIDNEY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRE

CTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSC IOUS PERSON. GET MEDICAL ATTENTION. SKIN CONTACT: FLUSH WITH WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING AND THOROUGHLY CLEAN SHOES BEFORE REUSE. GET MEDICAL ATTENTIO N IF IRRITATION DEVELOPS. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

======= Fire Fighting Mea

Flash Point Method:CC
Flash Point:=199.C, 390.2F
Autoignition Temp:=370.C, 698.F
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE. WATER SPRAY MAY BE USED TO EXTINGUISH SURROUNDING FIRE AND COOL EXPOSED CONTAINERS. WATER SPRAY WILL ALSO REDUCE FUME AND IRRITANT GASES.
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 PRESS
URE DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS.

Spill Release Procedures: VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. COLLECT LIQUID IN AN APPROPRIATE CONTAINER OR ABSORB WITH

AN INERT MATERIAL (VERMICULITE, SAND, EARTH), AND PLACE IN A CHEMICAL WASTE CONTAINER. DO NOT USE COMBUSTIBLE MATERIALS, SUCH AS SAW DUST. DO NOT FLUSH TO SEWER.

Handling and Storage Precautions: KEEP IN TIGHTLY CLOSED CONTAINER; STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES; OBSERVE ALL WARNINGS AND PRECAUTIONS LISTED FOR THE

PRODUCT.

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

Respiratory Protection: IF EXPOSURE LIMITS EXCEEDED, WEAR NIOSH APPROVED PERSONAL RESPIRATOR. PLEASE NOTE THAT "N" FILTERS ARE NOT RECOMMENDED FOR THIS MATERIAL. FOR EMERGENCIES OR INSTANCES WHERE EXPOSURE LEVELS ARE NOT KNO WN, USE A FULL-FACEPIECE POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. WARNING: AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES. Ventilation:LOCAL AND/OR GENERAL EXHAUST RECOMMENDED TO KEEP EXPOSURES BELOW EXPOSURE LIMITS. LOCALEXHAUST VENTILATION IS GENERALLY PREFERRED.

Protective Gloves:WEAR PROTECTIVE GLOVES AND CLEAN BODY-COVERING CLOTHING.

Eye Protection: USE CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:WEAR CLEAN BODY COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA. Supplemental Safety and Health

HCC:V5 Boiling Pt:=290.C, 554.F Melt/Freeze Pt:=18.C, 64.4F Decomp Temp:>290.C, 554.F Vapor Pres:0.0025 MM HG @50C Vapor Density:3.17(AIR=1 Spec Gravity:1.26 pH:NEUTRAL(LITMUS) Evaporation Rate & amp; Reference:NO INFORMATION FOUND. Solubility in Water:MISCIBLE Appearance and Odor:CLEAR OILY LIQUID; ODORLESS. Percent Volatiles by Volume:0 AT 70F

Stab

ility Indicator/Materials to Avoid:YES

STRONG OXIDIZERS. CAN REACT VIOLENTLY WITH ACETIC ANHYDRIDE, CALCIUM OXYCHLORIDE, CHROMIUM OXIDES, AND ALKALI METAL HYDRIDES. Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE. AVOID HEAT, FLAMES, IGNITION SOURCES, AND INCOMPATIBLES.

Hazardous Decomposition Products:TOXIC GASES AND VAPORS MAY BE RELEASED IF INVOLVED IN A FIRE. GLYCERINE DECOMPOSES UPON HEATING ABOVE 290C, FORMING CORROSIVE GAS (ACROLEIN).

С

onditions to Avoid Polymerization:WILL NOT OCCUR.

Toxicological Information:ORAL, RAT, LD50:12,600 MG/KG. INVESTIGATED AS A MUTAGEN, REPRODUCTIVE EFFECTOR. CANCER LISTS: INGREDIENT: GLYCERIN (56-81-5) :NTP CARCINOGEN: KNOWN: NO; ANTICIPATED: NO. IARC CATEGORY: NONE. MANUFACT URER'S HAZARD RATING: HEALTH: 1 (SLIGHT); FLAMMABILITY: 0 (NONE); REACTIVITY: 0 (NONE); CONTACT RATING: 1 (SLIGHT). NFPA RATINGS: HEAL TH: 1; FLAMMABILITY: 1;

REACTIVITY: 0.

Ecological:ENVIRONMENTAL FATE: WHEN RELEASED INTO SOIL, PRODUCT EXPECTED TO READLY BIODEGRADE. WHEN RELEASED INTO SOIL, PRODUCT IS NOT EXPECTED TO EVAPORATE SIGNIFICANTLY. WHEN RELEASED INTO WATER, PRODUCT EXPEC TED TO READILY BIODEGRADE. PRODUCT IS NOT EXPECTED TO SIGNIFICANTLY BIOACCCUMULATE. WHEN RELEASED INTO AIR, PRODUCT MAY BE MODERATELY DEGRADED BY REACTION

WITH PHOTOCHEMICALLY PRODUCED HYDROXYL RADICA LS. WHEN RELEASED INTO AIR, PRODUCT MAY BE REMOVED FROM THE ATMOSPHERE TO A MODERATE EXTENT BY WET DEPOSITION. ENVIRONMENTAL TOXICITY: THIS MATERIAL IS NOT EXPECTED TO BE TOXIC TO AQUATIC LIFE

 Waste Disposal Methods:WHAT CANNOT BE SAVED OR RECYCLED SHOULD BE MANAGED IN AN APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE, OR CONTAMINATION OF PRODUCT MAY CHA
 NGE WASTE MANAGEMENT OPTIONS. STATE
 AND LOCAL DISPOSAL RE GULATIONS MAY DIFFER FROM FEDERAL
 REGULATIONS. DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDAN CE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS.

Transport Information:NOT REGULATED.

SARA Title III Information:SARA 311 / 312: ACUTE: YES; CHRONIC: YES; FIRE: NO; PRESSURE: NO; REACT IVITY: NO (PURE / LIQUID).

Federal Regulatory Information:CHEMICAL INVENTORY STATUS, PART 1:GLYCERIN (56-81-5): TSCA: YES; EC: YES; JAPAN: YES; AUSTRALIA: YES. CHEMICAL INVENTORY STATUS, PART 2: GLYCERIN (56-81-5): KOREA: YES; CANADA DSL: YES; CANADA NDSL:NO ; PHIL.: YES. FEDERAL, STATE & INTERNATIONAL REGULATIONS, PART 1: GLYCERIN (56-81-5): SARA 302: RQ: NO; TPQ: NO. SARA 313: LIST: NO; CHEMICAL CATELOG: NO. FEDERAL, STATE & INTERNATIONAL REGULATIONS, P ART 2: GLYCERIN (56-81-5):

CERCLA: NO; RCLA 261.33: NO; TSCA B(D): NO. CHEMICAL WEAPONS CONVENTION: NO; TSCA 12(B): NO; CDTA: NO.

State Regulatory Information: REGULATORY INFORMATION: AUSTRALIAN HAZCHEM CODE: NO INFORMATION FOUND. POISON SCHEDULE: NO INFORMATION FOUND. WHMIS: THIS MSDS HAS BEEN PREPARED ACCORDING TO THE HAZARD CRITERIA OF THE CONTROLLED PROD UCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

======= Other Informatio

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