

FISHER SCIENTIFIC -- P31500, PARAFFIN BEADS -- 9160-01-449-2803

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Product Identification
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Product ID:P31500, PARAFFIN BEADS

MSDS Date:08/02/2000

FSC:9160

NIIN:01-449-2803

Status Code:A

MSDS Number: CLQGZ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC

Address:1 REAGENT LANE

City:FAIRLAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100

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esp. Party Other MSDS Num.:17995

Chemtrec Ind/Phone:(800)424-9300

CAGE:DO274

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410

Country:US

Phone:201-796-7100

CAGE:DO274

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Composition/Information on Ingredients
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Ingred Name:PARAFFIN WAXES : EINECS# 232-315-6

CAS:8002-74-2

RTECS #:RV0350000

= Wt:100.

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3

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Hazards Identification
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: NONE. EYE: MAY CAUSE MILD EYE IRRITATION. SKIN: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING. CONTACT WITH HEATED MATERIAL CAN CAUSE SKIN BURNS AND IRRITATION. INGESTION: MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT. INHALATION: INHALATION OF A MIST OF THIS MATERIAL MAY CAUSE RESPIRATORY TRACT IRRITATION. CHRONIC: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

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Explanation of Carcinogenicity:PARAFFIN WAXES: NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA.

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

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. OCCASIONALLY LIFTING UPPER AND LOWER EYELIDS. GET MEDICAL AID. SKIN: GET MEDICAL AID IF IRRITATION DEVELOPS OR PERSISTS. WASH CLOTHING BEFORE REUSE. FLUSH SKIN WITH PLENTY OF SOAP AND WATER. INGESTION: IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2-4 CUPFULS OF MILK OR WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL AID. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID. NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY .

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

Flash Point:=-198.9C, 390.F
Autoignition Temp:=-245.C, 473.F
Lower Limits:NONE REPORTED
Upper Limits:NONE REPORTED
Extinguishing Media:IN CASE OF FIRE USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR CHEMICAL FOAM
Fire Fighting Procedures:AS IN ANY FIRE, WEAR A SELF CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND. MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

===== Accidental Release Measures =

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Spill Release Procedures:CLEAN UP SPILLS IMMEDIATELY, OBSERVING PRECAUTIONS IN THE PROTECTIVE EQUIPMENT SECTION. SWEEP UP, THEN PLACE INTO A SUITABLE CONTAINER FOR DISPOSAL. AVOID GENERATING DUSTY CONDITIONS. PROVIDE VENTILATION.

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Handling and Storage

Handling and Storage Precautions:HANDLING: WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING. USE WITH ADEQUATE VENTILATION. MINIMIZE DUST GENERATION AND ACCUMULATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. AVOID INGESTION AND INHALATION.

Other Precautions:STORAGE: STORE IN A COOL, DRY PLACE. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES.

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Exposure Controls/Personal Protection

Respiratory Protection:FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29 CFR 1910.134 OR EUROPEAN STANDARD EN 149. ALWAYS USE A NIOSH OR EUROPEAN EN 149 APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

Protective Gloves:WEAR HEAT RESISTANT GLOVES FOR THE HANDLING OF MOLTEN MATERIALS.

Eye Protection:WEAR SAFETY GLASSES AND CHEMICAL GOGGLES IF HANDLING MOLTEN MATERIAL.

Other Protective Equipment:WEAR HEAT RESISTANT APRON, AND/OR CLOTHING FOR THE HANDLING OF MOLTEN MATERIALS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING.

Supplemental Safety and Health

GENERAL INFORMATION: USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN CONTROL MEASURES.

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Physical/Chemical Properties

HCC:N1

Boiling Pt:=322.C, 611.6F

Melt/Freeze Pt:M.P/F.P Text:53 TO 57 DEG C

Decomp Temp:Decomp Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Vapor Density:NOT AVAILA

Spec Gravity:0.9 (WATER=1)

pH:NOT AVAILABLE

Viscosity:NOT AVAILABLE

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water

r:INSOLUBLE

Appearance and Odor:SOLID, CLEAR OR WHITE, ODORLESS

Percent Volatiles by Volume:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information:

RTECS#: CAS# 8002-74-2: RV0350000. LD50/LC50:

NOT AVAILABLE. CARCINOGENICITY: PARAFFIN WAXES - NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA. EPIDEMIOLOGY: NO INFORMATION AVAILABLE. TERATOGENICITY: NO INFORMATION AVAILABLE. REPRODUCTIVE EFFECTS: NO INFORMATION AVAILABLE. NEURTOXICITY: NO INFORMATION AVAILABLE. MUTAGENICITY: NO INFORMATION AVAILABLE. OTHER STUDIES: PARAFFIN IS AN EQUIVOCAL TU MORGENIC AGENT BY RTECS CRITERIA.

===== Ecological Inform
ation =====

Ecological:NO INFORMATION AVAILABLE.

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

Waste Disposal Methods:CHEMICAL WASTE GENERATORS MUST DETERMINE WHETHER A DISCARDED CHEMICAL IS CLASSIFIED AS A HAZARDOUS WASTE. US EPA GUIDELINES FOR THE CLASSIFICATION DETERMINATION ARE LISTED IN 40 CFR PART. ADDITIONALLY , WASTE GENERATORS MUST CONSULT STATE AND LOCAL HAZARDOUS WASTE REGULATIONS TO ENSURE COMPLETE AND A CCUREATE CLASSIFIC
ATION.

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

Transport Information:US DOT: NO INFORMATION AVAILABLE. CANADIAN TDG:
NO INFORMATION AVAILABLE.

===== Regulatory Information =====

SARA Title III Information:SECTION 302 (RQ: NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ. SECTION 302 (TPQ): NONE OF THE CHEMICALS IN THIS MATERIAL HAVE A TPQ. SECTION 313: NO CHEMICALS ARE REPORTABLE UNDER SECTION 313.

Federal Regul

atory Information:TSCA: CAS# 8002-74-2 IS LISTED ON THE
TSCA INVENTORY. OSHA: NONE OF THE CHEMICALS IN THIS PRODUCT ARE
CONSIDERED HIGHLY HAZARDOUS BY OSHA. HEALTH & SAFETY REPORTING
LIST: NONE OF THE CHEMICALS ARE ON THE SAFETY & HEALTH REPORTING
LIST. CHEMICAL TEST RULES: NONE OF THE CHEMICALS IN THIS PRODUCT
ARE UNDER A CHEMICAL TEST RULE. SECTION 12B: NONE OF THE CHEMICALS
ARE LISTED UNDER TSCA SECTION 12B. TSC A SIGNIFICANT NEW USE RULE:
NONE OF THE CHEMICALS IN
THIS MATERIAL HAVE A SNUR UNDER TSCA.

State Regulatory Information:PARAFFIN WAXES CAN BE FOUND ON THE
FOLLOWING STATE RIGHT TO KNOWN LISTS: CALIFORNIA, FLORIDA,
PENNSYLVANIA, MINNESOTA, MASSACHUSETTS. CALIFORNIA NO SIGNIFICANT
RISK LEVEL: NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED.

===== Other Information =====

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particular situation.