



CARGILLE LABORATORIES, INC.

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CATALOG #24040, 24140

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| IDENTITY (AS USED ON LABEL AND MANUF. LITERATURE) CARGILLE MELTMOUNT CODE 53 | NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT. |
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| SECTION 1 | | |
| MANUFACTURER'S NAME CARGILLE LABORATORIES, INC. | EMERGENCY TELEPHONE NUMBER WEEKDAY 973 - 239 - 6633 24 HR CHEMTREC 800 - 424 - 9300 | |
| ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE) | TELEPHONE NUMBER FOR INFORMATION 973 - 239 - 6633 | |
| 55 COMMERCE ROAD | DATE PREPARED JUNE 2, 2011 | SUPERCEDES PRIOR DATED MSDS FOR THIS MATERIAL |
| CEDAR GROVE, NJ 07009 | SIGNATURE OF PREPARER (OPTIONAL) | |

THE INFORMATION SUPPLIED IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION PRESENTED AND CARGILLE LABORATORIES ASSUMES NO RESPONSIBILITY FOR THE RESULTS OF THE USE OF THIS PRODUCT. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RESPONSIBLE FOR ITS USE SHALL MAKE HIS OR HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS OR HER PARTICULAR PURPOSE.

CONDITIONS OF INTENDED AND NORMAL USE: (ABBR. C.I.U.) AS A MOUNTING MEDIUM AT NORMAL ROOM PRESSURE (760 mm Hg), TEMPERATURE 39 °F TO 158 °F IN A NON MISTED / NON AIRBORN STATE IN A HOOD* HAVING 80 - 100 FPM RATING, IN A TRAINED AND SUPERVISED LABORATORY / INDUSTRIAL SETTING USING STANDARD GL / GM PROCEDURES. SEE SECTIONS 7 AND 8

* HOOD ONLY REQUIRED WHEN HEATING IN AN OPEN CONTAINER ABOVE 105 °F OTHERWISE USE AT TEMPERATURE OF 39 °F TO 104 °F IN A ROOM HAVING NORMAL AIR CHANGES (2) / HR.

| SECTION 2 - HAZARDOUS INGREDIENTS | | SPECIFIC CHEMICAL IDENTITY INFORMATION | | | |
|--|---|---|------------------|--------------------------|--------------|
| HAZARDOUS COMPONENTS | (COMMON NAME (S)) | OSHA PEL CEILING | ACGIH TLV T.W.A. | OTHER LIMITS RECOMMENDED | % (OPTIONAL) |
| TRADE SECRET | PHTHALATE ESTER OF HYDROABIETYL ALCOHOL | | N.E. | | |

*PEL CEILINGS & TLV T.W.A.s IF ANY SHOULD NOT OCCUR IF C.I.U. AND SECTIONS 7 & 8 FOLLOWED.

NOTE: PRODUCT NORMALLY SOLD IN 1 OZ. QUANTITIES. USED IN SINGLE DROP TO A FEW CUBIC CENTIMETERS PER APPLICATION. SEE REQUISITIONER FOR SPECIFIC QUANTITIES INVOLVED.

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| SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS | | | |
| BOILING POINT AT 760 mm Hg | N.D.F. | SPECIFIC GRAVITY (H ₂ O = 1) TEMP. 23 °C / 73 °F | 1.05 |
| VAPOR PRESSURE IN mm Hg (TEMP.) 73 °F | N.D.F. | MELTING POINT 65 °C | 149 °F |
| VAPOR DENSITY (AIR = 1) AT (mm Hg & TEMP.) 760 73 °F | N.D.F. | EVAPORATION RATE AT 760 mm Hg & 23 °C / 73 °F (WATER = 1) | < 1 |
| SOLUBILITY IN WATER AT (mm Hg & TEMP.) 760 73 °F | NEGLIGIBLE | APPEARANCE AND ODOR LIGHT AMBER, SOFT SOLID, TYPICAL ROSIN ODOR | |

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| SECTION 4 - FIRE AND EXPLOSION HAZARD DATA | | | |
| FLASH POINT (CUP METHOD USED) > 300 °F (149 °C) C.O.C. | FLAMMABLE LIMITS | LEL N.D.F. | UEL N.D.F. |
| EXTINGUISHING MEDIA CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR WATER SPRAY | | | |
| SPECIAL FIRE FIGHTING PROCEDURES NONE | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS NONE | | | |

ABBREVIATIONS: N.A. = NOT APPLICABLE; N.D.F. = NO DATA FOUND; TR.S. = TRADE SECRET; N.E. = NOT ESTABLISHED;
C.I.U. = CONDITIONS OF INTENDED USE; < = LESS THAN; > = GREATER THAN.

| SECTION 5 - REACTIVITY DATA | | | | |
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| STABILITY | UNSTABLE | | | |
| | STABLE | YES | | |
| INCOMPATIBILITY (MATERIALS AND / OR CONDITIONS TO AVOID) | | | | |
| NONE KNOWN | | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID | |
| | WILL NOT OCCUR | X | NONE | |
| SECTION 6 - HEALTH HAZARD DATA | | | | |
| ROUTE (S) OF ENTRY: (NOT LIKELY AT C.I.U.) | INHALATION? POSSIBLE | SKIN? YES | MUCOUS MEMBRANES / EYES? YES | INGESTION? POSSIBLE |
| HEALTH HAZARDS (ACUTE AND CHRONIC) | | | | |
| MAY CAUSE TEMPORARY EYE AND SKIN IRRITATION. NOT LIKELY AT C.I.U. | | | | |
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| CARCINOGENICITY LISTED: | NTP? NO | IARC MONOGRAPHS? NO | OSHA CARCINOGEN? NO | |
| SIGNS AND SYMPTOMS OF EXPOSURE | | | | |
| TACKY FEEL ON SKIN, PROLONGED CONTACT MAY CAUSE SKIN IRRITATION, MAY CAUSE EYE IRRITATION. | | | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE | | | | |
| NONE KNOWN. | | | | |
| EMERGENCY AND FIRST AID PROCEDURES: INCLUDE POSSIBLE MATERIAL THAT MAY HAVE BEEN MIXED WITH LIQUID DURING USE. | | | | |
| INHALATION – REMOVE TO FRESH AIR. CONSULT PHYSICIAN. | | | | |
| SKIN – WASH WITH SOAP AND RUNNING WATER; IF IN MOLTEN STATE – FLUSH WITH WATER. CONTACT PHYSICIAN IMMEDIATELY. | | | | |
| EYES – FLUSH WITH LOW PRESSURE WATER FOR 15 MINUTES. REMOVE ANY CONTACT LENSES. CONTACT PHYSICIAN IMMEDIATELY. | | | | |
| INGESTION – IF SWALLOWED, DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE, SUPPORTIVE CARE. | | | | |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE – FOLLOW C.I.U. SEE SECTION 1 | | | | |
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | | | | |
| ABSORB OR SCRAPE UP, PLACE IN PLASTIC (POLYETHYLENE OR POLYPROPYLENE) CONTAINER, CAP OR TWIST TIE CLOSURE (SEE SECTION 8). | | | | |
| WASTE DISPOSAL METHOD: | | | | |
| ALL CHEMICAL DISPOSALS MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE, AND FEDERAL REGULATIONS. | | | | |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | | | | |
| STORE BETWEEN 39 °F AND 104 °F (4 °C AND 40 °C) | | | | |
| WEAR PROTECTIVE GLOVES AND AVOID INHALING VAPORS WHEN WORKING WITH THIS PRODUCT IN ITS MOLTEN STATE. | | | | |
| OTHER PRECAUTIONS | | | | |
| AVOID CONTINUAL DIRECT SUNLIGHT. | | | | |
| SECTION 8 - CONTROL MEASURES; WHEN USED AS INTENDED (SEE SECTION 1) | | | | |
| RESPIRATORY PROTECTION (SPECIFY TYPE) | | | | |
| SEE "VENTILATION" | | | | |
| VENTILATION | LOCAL EXHAUST MANDATORY – WORK IN FUME REMOVING HOOD WHEN THIS PRODUCT IS IN MOLTEN STATE. | SPECIAL | N.A. | |
| | MECHANICAL (GENERAL) * | OTHER | N.A. | |
| PROTECTIVE GLOVES | MANDATORY WHEN THIS PRODUCT IS IN MOLTEN STATE, INSULATED TYPE. | EYE PROTECTION | MANDATORY WHEN THIS PROUDCT IS IN MOLTEN STATE. | |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT | | | | |
| * LAB APRON RECOMMENDED AS PROTECTION FROM HOT SPILLS. | | | | |
| * = NOT MANDATORY EXCEPT AS GOOD LABORATORY INDUSTRIAL PRACTICES. ALWAYS USE GOOD HYGIENIC WORK / PRACTICES AS TO HOUSEKEEPING, PERSONAL HYGIENE, USE OF CHEMICAL LAB APRON AND SPLASH GOGGLES, AVOIDANCE OF VAPORS, PROLONGED AND REPEATED SKIN CONTACT. | | | | |
| SPECIAL PRECAUTIONS | | | | |
| N.A. | | | | |
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