



**CARGILLE LABORATORIES, INC.**

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**CATALOG #24050, 24052, 24060, 24065, 24070, 24150, 24152, 24160, 24165, 24170**

IDENTITY ( AS USED ON LABEL AND MANUF. LITERATURE ) <b>CARGILLE MELTMOUNT CODE 5870</b>	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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<b>SECTION 1</b>		
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 3, 2005	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 HEATED 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.

<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>		<b>SPECIFIC CHEMICAL IDENTITY INFORMATION</b>			
HAZARDOUS COMPONENTS	( COMMON NAME ( S ) )	OSHA PEL CEILING	ACGIH TLV T.W.A.	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
TRADE SECRET	HALOGENATED DIPHENYL OXIDE			TLV N.E. BUT 0.25 mg / CUBIC METER RECOMMENDED	
TRADE SECRET	NATURAL HYDROCARBONS		5 mg / CUBIC METER		
*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.					

<b>SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS</b>			
BOILING POINT AT 760 mm Hg	N.D.F.	SPECIFIC GRAVITY ( H <sub>2</sub> O = 1 ) TEMP. 23 °C / 73 °F	1.04 - 2.46
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 ( MINERAL OIL = 1 )	< 1
SOLUBILITY IN WATER AT ( mm Hg & TEMP. ) 760 73 °F	NEGLIGIBLE	APPEARANCE AND ODOR COLORLESS TO AMBER, SOFT SOLID, SLIGHT CHARACTERISTIC ODOR	

<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>			
FLASH POINT ( CUP METHOD USED ): > 400 °F ( 204 °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: USE N.I.O.S.H. / MESA APPROVED S.C.B.A.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: COMBUSTION WITH OTHER FUELS MAY RELEASE HYDROGEN BROMIDE AND / OR BROMINE VAPORS. FINELY DIVIDED DUST MAY BE FLAMMABLE ( NOT LIKELY AT C.I.U. ).			
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.			

<b>SECTION 5 - REACTIVITY DATA</b>			
STABILITY	UNSTABLE		
	STABLE	YES	
INCOMPATIBILITY ( MATERIALS AND / OR CONDITIONS TO AVOID )			
NONE			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE
<b>SECTION 6 - HEALTH HAZARD DATA</b>			
ROUTE ( S ) OF ENTRY: ( NOT LIKELY AT C.I.U. )	INHALATION? POSSIBLE	SKIN? POSSIBLE	MUCOUS MEMBRANES / EYES? POSSIBLE
INGESTION? POSSIBLE			
HEALTH HAZARDS ( ACUTE AND CHRONIC )			
THERE IS POTENTIAL FOR DAMAGE TO HEALTH FROM LONG-TERM CHRONIC EXPOSURE BY INGESTION, INHALATION, OR DERMAL CONTACT AT HIGH LEVELS. MAY CAUSE EYE IRRITATION, CHRONIC ORAL EXPOSURE TO LOW LEVELS MAY RESULT IN LIVER DAMAGE. NOT LIKELY AT C.I.U.			
CARCINOGENICITY LISTED:	NTP? NO	IARC MONOGRAPHS? NO	OSHA CARCINOGEN? NO
SIGNS AND SYMPTOMS OF EXPOSURE TACKY FEEL ON SKIN. MAY CAUSE EYE IRRITATION. CHRONIC ORAL EXPOSURE TO LOW LEVELS MAY RESULT IN LIVER DAMAGE. EXPOSURE IS VERY UNLIKELY. SEE C.I.U. AND UNDER SECTION 7 AND 8.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE N.D.F.			
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 – IF IN MOLTEN STATE, FLUSH WITH WATER. CONTACT PHYSICIAN IMMEDIATELY.			
EYES – FLUSH WITH LOW PRESSURE WATER FOR 15 MINUTES. CONTACT PHYSICIAN IMMEDIATELY.			
INGESTION – WASH OUT OF MOUTH, CONTACT PHYSICIAN IMMEDIATELY.			
<b>SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE – FOLLOW C.I.U. SEE SECTION 1</b>			
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 65 °F AND 90 °F ( 18 °C AND 32 °C ) WEAR PROTECTIVE GLOVES AND AVOID INHALING VAPORS WHEN WORKING WITH THIS PRODUCT IN ITS MOLTEN STATE.			
OTHER PRECAUTIONS AVOID CONTINUAL DIRECT SUNLIGHT.			
<b>SECTION 8 - CONTROL MEASURES; WHEN USED AS INTENDED ( SEE SECTION 1 )</b>			
RESPIRATORY PROTECTION ( SPECIFY TYPE ) SEE "VENTILATION"			
VENTILATION	LOCAL EXHAUST MANDATORY – WORK IN FUME REMOVING HOOD WHEN THIS PRODUCT IS IN ITS MOLTEN STATE.	SPECIAL	N.A.
	MECHANICAL ( GENERAL ) *	OTHER	N.A.
PROTECTIVE GLOVES	MANDATORY WHEN THIS PRODUCT IS IN MOLTEN STATE. PLASTIC COATED, INSULATED.	EYE PROTECTION	MANDATORY WHEN THIS PRODUCT 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.			