

JH MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER
DIFCO LABORATORIES, INC.	800-521-0851 313-462-8500
ADDRESS	CHEMICAL NAME
P. O. BOX 331058	TRADE SYNONYMS
	TRADE NAME DF0333-15, DF0333-17
	AND SYNONYMS: M E AGAR
DETROIT, MICHIGAN 48232-7058	CHEMICAL FAMILY FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, AND SOLVENTS	%	TLV (UNITS)
PIGMENTS	!	! N/A
CATALYST	!	! N/A
VEHICLE	!	! N/A
SOLVENTS	!	! N/A
ADDITIVES	!	! N/A
OTHER	!	!
ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
BASE METAL	!	! N/A
ALLOYS	!	! N/A
METALLIC COATINGS	!	! N/A
FILLER METAL PLUS COATING OR CORE FLUX	!	! N/A
OTHERS	!	!
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES	%	TLV (UNITS)
SODIUM AZIDE (POISON) 27MG/KG(OR-RAT) 26628-22-8	!0.21!	0.3MG/M3

SECTION III - PHYSICAL DATA

BOILING POINT (DEGREE F): N/A !SPECIFIC GRAVITY (H2O=1): N/A
 VAPOR PRESSURE (MM HG.): N/A !PERCENT VOLATILE BY VOLUME (%): N/A
 VAPOR DENSITY (AIR=1): N/A !EVAPORATION RATE _____=1): N/A
 SOLUBILITY IN WATER: COMPLETE IN BOILING WATER
 APPEARANCE AND ODOR: LT. TO MED. TAN, FREE-FLOWING, HOMOGENEOUS POWDER.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A !FLAMMABLE LIMITS!LEL: N/A!UEL: N/A
 EXTINGUISHING MEDIA: N/A
 SPECIAL FIRE FIGHTING PROCEDURES: N/A
 SPECIAL FIRE FIGHTING PROCEDURES: N/A
 UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V - LISTED IN

NTP ! !IARC ! !OSHA ! ! OTHER: N/A

DATE OF PREPARATION: MARCH 1990 PREPARED BY: ELLEN M. BERNARD

SECTION IV - HEALTH HAZARD DATA

TRESHOLD LIMIT VALUE: N/A
 PERMISSIBLE EXPOSURE LIMIT: N/A
 OTHER: ORAL HUMAN TD LO 338MG/KG FOR M E AGAR BASED ON SODIUM AZIDE CONTENT
 EFFECTS OF OVEREXPOSURE: TOXIC: WILL CAUSE HEADACHES, DIZZINESS AND
 FAINTING. MAY CAUSE IRRITATION OF SKIN AND EYES.
 EMERGENCY FIRST AID PROCEDURES: CALL A PHYSICIAN.
 IF SWALLOWED: INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER
 AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN
 UNCONSCIOUS PERSON.
 IF INHALED: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL
 RESPIRATION, PREFERABLY MOUTH-TO MOUTH. IF BREATHING IS DIFFICULT,
 GIVE OXYGEN.

IN CASE OF CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT
 LEAST 15 MINUTES. FLUSH SKIN WITH WATER. WASH CLOTHING BEFORE REUSE.
 PRIMARY ROUTES OF ENTRY: INGESTION, INHALATION, CONTACT

SECTION VII - REACTIVITY DATA

STABILITY !UNSTABLE ! !STABLE !X! CONDITIONS TO AVOID: N/A
 INCOMPATIBILITY (MATERIALS TO AVOID): N/A
 HAZARDOUS DECOMPOSITION PRODUCTS: N/A
 HAZARDOUS POLYMERIZATION !MAY OCCUR ! !WILL NOT OCCUR !X!
 CONDITIONS TO AVOID: N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP BULK OF

SPILL AND DISPOSE OF AS USUAL FOR WASTE POWDERS. MOP UP REMAINDER OF SPILL, FLUSH DOWN DRAIN WITH PLENTY OF WATER. NOTE PRECAUTION IN SECTION X.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): APPROVED DUST MASK

VENTILATION !LOCAL EXHAUST: YES!MECHANICAL (GENERAL): YES!SPECIAL: N/A

OTHER: _____

PROTECTIVE GLOVES: RUBBER RECOMMENDED !EYE PROTECTION: GOGGLES RECOMMENDED

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: N/A

OTHER PRECAUTIONS: DUE TO THE SODIUM AZIDE CONTENT OF THIS MEDIA, AVOID

DISPOSING OF LIQUID OR POWDER THROUGH COPPER OR LEAD DRAINS. COPPER AND

LEAD FORM EXPLOSIVE AZIDES.

LAST PAGE