

M A T E R I A L S A F E T Y D A T A S H E E T

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PREPARATION DATE: 07/25/91

REPLACES DATE: 07/09/91

PREPARER: MJH

SECTION I - PRODUCT IDENTIFICATION

MAGNATAC 731

731

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	OCCUPATIONAL EXPOSURE LIMITS		SKIN DESIG- NATION	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
			(TLV-TWA)	(TLV-STEL)				
TOLUENE	108-88-33	75%	100 PPM	150 PPM	NO	24.0	NO	YES

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE	: 231- 232 F	VAPOR DENSITY	: IS HEAVIER THAN AIR
ODOR	:	EVAPORATION RATE:	IS SLOWER THAN BUTYL ACETATE
APPEARANCE	:	SOLUBILITY	:
VOLATILE BY WEIGHT:	72.3%	PRODUCT DENSITY	: 6.7 LBS./GAL. (US)
VOLATILE BY VOLUME:	79.9%		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

FLASH POINT: 40 F
(SETAFLASH CLOSED CUP)

LEL: 1.0 %
UEL: 7.0 %

OSHA - FLAMMABLE LIQUID - CLASS IB
DOT - FLAMMABLE LIQUID OR SOLID

EXTINGUISHING MEDIA: DRY CHEMICAL CARBON DIOXIDE FOAM

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS MAY TRAVEL FROM POINT OF USE TO AN IGNITION SOURCE.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF CONTAINED BREATHING APARATUS AND COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHEN ENTERING AREAS OF POTENTIAL EXPOSURE TO VAPORS AND COMBUSTION PRODUCTS. WATER MAY BE USED TO COOL CONTAINERS.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE: MAY CAUSE MODERATE EYE IRRITATION AND MODERATE CORNEAL INJURY. VAPORS MAY BE IRRITATING TO THE EYES. MAY CAUSE DRYING OR FLAKING OF THE SKIN. BRIEF INHALATION EXPOSURE IS NOT LIKELY TO CAUSE ADVERSE REACTIONS. PROLONGED INHALATION MAY CAUSE HEADACHE, DIZZINESS OR DROWSINESS.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION

EMERGENCY AND FIRST AID PROCEDURES: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION. WASH SKIN WITH WATER. IF INHALATION IS EXCESSIVE, REMOVE TO FRESH AIR. IF BREATING IS DIFFICULT GIVE OXYGEN. IF NOT BREATINHG GIVE MOUTH TO MOUTH RESUSITATION AND CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY CONTAIN CARBON MONOXIDE AND CARBON DIOXIDE.

CONDITIONS TO AVOID: KEEP AWAY FROM FLAMES AND SPARK PRODUCING MATERIALS.

INCOMPATABILITY:

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: USE EYE AND SKIN PROTECTION. PLACE CONTAINERS IN A WELL VENTILATED AREA. ABSORB WITH INERT MATERIAL AND DISPOSE. FLUSH AREA WITH WATER. PREVENT FROM ENTERING WATERWAYS.

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

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: EXPOSURE SHOULD BE MAINTAINED BELOW LIMITS. IF EXPOSURE IS EXPECTED TO EXCEED LIMITS, USE AN APPROVED AIR PURIFYING RESPIRATOR. IN EMERGENCIES OR OTHER OCCATIONS WHEN EXPOSURE WILL GREATLY EXCEED LIMITS, USE A POSITIVE PRESSURE SELF CONTAINED BREATHING APARATUS.

VENTILATION: USE SUFFICIENT VENTILATION TO TO MAINTAIN EXPOSURE BELOW LIMITS. LOCAL VENTILATION MAY BE NECESSARY.

PROTECTIVE GLOVES: IMPERVIOUS GLOVES SUCH AS NEOPRENE. USE OF A BARRIER CREAM APPLIED PRIOR TO EXPOSURE, IN COMBINATION WITH GLOVES IS RECOMENDED.

EYE PROTECTION: SAFETY GOGGLES OR SAFETY GLASSES WITH SPLASH SHIELD ARE REQUIRED. FULL FACE SHIELDS ARE RECOMENDED. DO NOT WEAR CONTACT LENSES.

OTHER PROTECTIVE EQUIPMENT:

HYGENIC PRACTICES:

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

OTHER PRECAUTIONS:

SECTION X - HMIS RATINGS

HEALTH: 3 FLAMMABILITY: 3 REACTIVITY: 1 PERSONAL PROTECTION: G

SECTION XI - OTHER REGULATORY INFORMATION

OTHER REGULATORY INFORMATION:

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.