

MATERIAL SAFETY DATA SHEET

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Distributed by:

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SECTION I - PRODUCT IDENTIFICATION

NO 719 CUTTING OIL - BULK
9216503

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	OCCUPATIONAL EXPOSURE LIMITS (TLV-TWA)	SKIN DEBIO-NATION	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC
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THIS MATERIAL IS NOT CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD CFR TITLE 29 1910.1200

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE	UNKNOWN	VAPOR DENSITY	UNKNOWN
ODOR	MILD SULFUR ODOR	EVAPORATION RATE	UNKNOWN
APPEARANCE	DARK BROWN LIQUID	SOLUBILITY	INSOLUBLE
VOLATILE BY WEIGHT	< 0.1 %	PRODUCT DENSITY	0.90
VOLATILE BY VOLUME	< 0.1 %		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: DOT - NOT REGULATED
FLASH POINT: 340 F (CLEVELAND OPEN CUP)
LEL: N.A.
UEL: N.A.

EXTINGUISHING MEDIA: ALCOHOL CARBON DIOXIDE DRY CHEMICAL FOAM

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT DIRECT A SOLID STREAM OF WATER ONTO BURNING PRODUCT, THIS MAY CAUSE SPREADING AND INCREASED FIRE INTENSITY. COMBUSTION MAY PRODUCE OXIDES OF CARBON, OXIDES OF SULFUR, AND INCOMPLETELY BURNED HYDROCARBONS IN THE FORM OF FUMES AND SMOKE.

SPECIAL FIREFIGHTING PROCEDURES: WEAR A SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

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SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE: MAY CAUSE MILD EYE IRRITATION AND REDNESS, PROLONGED OR REPEATED SKIN EXPOSURE MAY RESULT IN THE LOSS OF NATURAL OILS ACCOMPANIED BY DRYNESS, CRACKING AND DERMATITIS. INGESTION MAY RESULT IN NAUSEA, DIARRHEA AND GASTROINTESTINAL IRRITATION. OVEREXPOSURE TO VAPORS OR MIST MAY RESULT IN UPPER RESPIRATORY TRACT IRRITATION AND DIFFICULTY BREATHING. THIS PRODUCT CONTAINS MINERAL OIL FOR WHICH OSHA HAS ESTABLISHED A TWA OF 5 MG/M3 AS MIST.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN.

PRIMARY ROUTE(S) OF ENTRY: DERMAL, INGESTION, INHALATION

EMERGENCY AND FIRST AID PROCEDURES: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MIN. IF EYE IRRITATION PERSISTS, CONTACT A PHYSICIAN. IN CASE OF SKIN CONTACT, REMOVE ANY CONTAMINATED CLOTHING AND RINSE SKIN THOROUGHLY WITH WATER FOR AT LEAST 15 MIN. IF SKIN IS BURNED, OR IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. IN CASE OF OVEREXPOSURE TO VAPORS OR MIST, REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN AND IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION AND CONTACT A PHYSICIAN. IF PRODUCT IS INGESTED, DO NOT INDUCE VOMITING. GIVE TWO GLASSES OF MILK OR WATER IF PATIENT IS CONSCIOUS AND CONTACT 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: THERMAL DECOMPOSITION MAY RESULT IN THE FORMATION OF: OXIDES OF CARBON, OXIDES OF SULFUR, AND INCOMPLETELY BURNED HYDROCARBONS IN THE FORM OF FUMES AND SMOKE.

CONDITIONS TO AVOID: AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS AND STRONG ALKALI.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS AND STRONG ALKALI.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FOR SMALL SPILLS: SOAK UP SPILL WITH ABSORBENT MATERIAL. FOR LARGE SPILLS: DIKE SPILL AND PUMP INTO DRUMS FOR PROPER DISPOSAL.

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

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: WEAR THE APPROPRIATE MSHA/NIOSH APPROVED RESPIRATOR WHEN TLV IS EXCEEDED.

VENTILATION: PROVIDE ADEQUATE VENTILATION (SUCH AS MECHANICAL OR LOCAL) TO ASSURE TLV IS NOT EXCEEDED.

PROTECTIVE GLOVES: WEAR OIL AND CHEMICAL IMPERVIOUS GLOVES.

EYE PROTECTION: WEAR CHEMICAL GOGGLES OR FULL FACE SHIELD WHEN SPLASHING MAY OCCUR. OTHERWISE, WEAR CHEMICAL SAFETY GLASSES WHEN WORKING WITH OR AROUND PRODUCT.

OTHER PROTECTIVE EQUIPMENT: WEAR IMPERVIOUS CLOTHING AND BOOTS TO PREVENT PROLONGED OR REPEATED CONTACT.

HYGIENIC PRACTICES: FOLLOW STANDARD INDUSTRIAL HYGIENE PRACTICES. LAUNDRY ANY CONTAMINATED CLOTHING BEFORE RE-USE.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE IN THE PRESENCE OF HEAT, SPARKS, FLAME OR ANY OTHER SOURCE OF IGNITION. STORE AWAY FROM STRONG OXIDIZING AGENTS. EMPTY DRUMS MAY CONTAIN PRODUCT RESIDUES. ALL SAFETY PRECAUTIONS TAKEN WHEN HANDLING THIS PRODUCT SHOULD ALSO BE TAKEN WHEN HANDLING EMPTY DRUMS.

OTHER PRECAUTIONS: NONE.

SECTION X - HMIS/NEPA RATINGS

HMIS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: X
NEPA: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 SPECIFIC HAZARD:

SECTION XI - OTHER REGULATORY INFORMATION

DOT HAZARDOUS MATERIAL DESCRIPTION: NONE

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