



Lloyds Laboratories Inc.
Manufacturers of Environmentally Responsible Lubricants
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MATERIAL SAFETY DATA SHEET

SECTION 1 – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/IDENTIFIER KRYPTONITE (AEROSOL) PART # 21814, 21914			
MANUFACTURER'S NAME LLOYDS LABORATORIES INC.		SUPPLIER'S NAME LLOYDS LABORATORIES INC.	
STREET ADDRESS 613 NEAL DRIVE		STREET ADDRESS 613 NEAL DRIVE	
CITY PETERBOROUGH	PROVINCE ONTARIO	CITY PETERBOROUGH	PROVINCE ONTARIO
POSTAL CODE K9J 6X7	EMERGENCY TELEPHONE NO. 1-800-361-6766	POSTAL CODE K9J 6X7	EMERGENCY TELEPHONE NO. 1-800-361-6766
FAX NO. 705 876-6467	CHEMICAL NAME	CHEMICAL FAMILY	CHEMICAL FORMULA
MOLECULAR WEIGHT	TRADE NAME AND SYNONYMS KRYPTONITE	MATERIAL USE METAL COATING – PAINT – ANTI-CORROSIVE	

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	UN. NA. OR CAS NUMBER	LD ₅₀ OF MATERIAL (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)
XYLENE	15 - 40	1330-20-7	4300 Mg/Kg ORL-RAT	5000 ppm INH-RAT
TOLUENE	10 – 30	108-88-3	2300 Mg/Kg ORL-RAT	5000 ppm INH-RAT
ETHYLENE GLYCOL MONOBUTYL ETHER	1 - 5	111-76-2	1480 Mg/Kg ORL-RAT	500 ppm INH-RAT
ACETONE	10 – 30	67-64-1	NOT AVAILABLE	NOT AVAILABLE
PROPANE & ISO-BUTANE	3-7	124-38-9	NOT AVAILABLE	NOT AVAILABLE

NOTE: THIS PRODUCT DOES NOT CONTAIN BARIUM, CHROMATES OR LEAD OF ANY KIND.

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE AEROSOL	ODOUR AND APPEARANCE SWEET SOLVENT SMELL			ODOUR THRESHOLD (PPM) NOT AVAILABLE
VAPOUR PRESSURE (mm Hg) 180 mmHG at 20°C	VAPOUR DENSITY (AIR=1) NOT ESTABLISHED	EVAPORATION RATE (nBuAc=1) NOT SPECIFIC	BOILING POINT 133°F (APPROX)	FREEZING POINT (°C) NOT ESTABLISHED
% VOLATILE (BY VOLUME)	SOLUBILITY IN WATER (20°C)	pH 7.0 APPROX	SPECIFIC GRAVITY 1.16	COEFF. WATER/OIL DIST. LESS THAN 1

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABILITY YES		IF YES, UNDER WHICH CONDITIONS? EXPOSURE TO OPEN FLAME OR SPARK ABOVE FLASHPOINT.			
MEANS OF EXTINCTION		CO ₂ DISCHARGE SYSTEM/EXTINGUISHER OR FOAM EXTINGUISHER.			
SPECIAL PROCEDURES					
FLAME PROJECTION		UPPER FLAMMABLE LIMIT (% BY VOLUME) 10% APPROX		LOWER FLAMMABLE LIMIT (% BY VOLUME) 2% APPROX	
AUTO IGNITION TEMPERATURE (°C) NOT ESTABLISHED		TDG FLAMMABILITY CLASSIFICATION		U.N. NUMBER	HAZARDOUS COMBUSTION PRODUCTS CO, CO ₂ PARTIALLY HYDROCARBONS
EXPLOSION DATA NONE ANTICIPATED	SENSITIVITY TO IMPACT NONE ANTICIPATED		RATE OF BURNING	FLASH POINT -17°C CLOSED CUP	SENSITIVITY TO STATIC DISCHARGE NOT ESTABLISHED

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY YES	IF NO, UNDER WHICH CONDITIONS
INCOMPATIBILITY WITH OTHER SUBSTANCES DO NOT EXPOSE TO ANY OXIDIZING CHEMICALS	IF SO, WHICH ONES ,I.E. CHROMIC ACID, PEROXIDES, CHLORIDES, SULPHURIC ACID, ETC.
REACTIVITY AND UNDER WHAT CONDITIONS ANY OXIDIZING CHEMICALS UNDER MOST TEMPERATURES. SEE ABOVE.	
HAZARDOUS DECOMPOSITION PRODUCTS UPON REACTION WITH OXIDANTS, CO, CO₂ MAY BE RELEASED ALONG WITH RESIDUALS.	

PAGE 2 OF KRYPTONITE (AEROSOL) PART # 21814, 21914

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY			
<input checked="" type="checkbox"/> SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION ACUTE <input checked="" type="checkbox"/> INHALATION CHRONIC <input type="checkbox"/> INGESTION			
EFFECTS OF ACUTE EXPOSURE TO MATERIAL			
EYES: SEVERE IRRITATION - SKIN: MAY CAUSE IRRITATION & AFTER CLEANING POSSIBLE DEFATTENING – INGESTION: MAY RESULT IN KIDNEY FAILURE OR DEATH.			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL			
EYES: MAY CAUSE HARMFUL EFFECTS – SKIN: REPEATED CONTACT MAY CAUSE DERMATITIS AND ULCERATION OF SKIN.			
LD ₅₀ OF MATERIAL	LC ₅₀ OF MATERIAL	EXPOSURE LIMIT OF MATERIAL (TLV)	IRRITANCY OF MATERIAL
1480 Mg/Kg ORL-RAT	500 ppm INH-RAT	N/AV	N/AV
SENSITIZATION OF MATERIAL REPEATED SKIN CONTACT CAN BE DANGEROUS	CARCINOGENICITY OF MATERIAL NOT LISTED IN IARC, NTP, OSHA	REPRODUCTIVE EFFECTS OF MATERIAL N/AV	SYNERGISTIC MATERIALS N/AV

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT		
GLOVES	RESPIRATOR	EYE
VINYL LINED OR PVC TYPE	NIOSH APPROVED FOR MIST FROM CONCENTRATE	SAFETY GLASSES AND FACE MASK
FOOTWEAR	CLOTHING	OTHER
RUBBER BOOTS	GENERAL PROTECTIVE CLOTHING, I.E. LAB COAT	
ENGINEERING CONTROLS		
ADD CAREFULLY TO MIXING VESSEL. AVOID SPLASHING. HAVE EXHAUST FAN ON.		
LEAK AND SPILL PROCEDURES		
PICK UP WITH SAND OR SORBALL, WOODCHIPS OR RAGS.		
WASTE DISPOSAL		
ALLOW TO DRY WITH THE ABOVE AND DISPOSE OF AS SOLID WASTE. DISPOSE ACCORDING TO ALL APPLICABLE LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.		
HANDLING PROCEDURES AND EQUIPMENT		
STORAGE REQUIREMENTS		
DO NOT STORE IN DIRECT SUNLIGHT OR AT OVER TEMPERATURES 90°F.		
SPECIAL SHIPPING INFORMATION		
PAINT, CLASS 3.2, UN 1263, PG II. DO NOT FREEZE, AS THE PAINT MAY LOSE THIXOTROPIC PROPERTIES.		

SECTION 8 – FIRST AID MEASURES

EYES
FLUSH WITH PLENTY OF WATER AT LEAST 30 MINUTES WHILE HOLDING EYELIDS APART. WASH RIGHT AWAY. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN
WASH AREA WITH SUITABLE SOLVENTS. REMOVE CONTAMINATED CLOTHING.
INHALATION
IF LIQUID WAS INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OTHERWISE, DRINK SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION.
OTHER INFORMATION

SECTION 9 – PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)	DATE PREPARED	SUPERSEDE MSDS DATED
TECHNICAL SERVICES: 1-800 361-6766	MAY 1, 2008	JUNE 1, 2005

LEGEND: N/AP – NOT APPLICABLE

N/AV – NO DATA AVAILABLE