



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 MOOVIT (AEROSOL) PART # 11008, 11010, 11014			
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 BLENDED CHEMICAL
MOLECULAR WEIGHT	TRADE NAME AND SYNONYMS MOOVIT	MATERIAL USE PENETRATING LUBRICANT	

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)
PROPANE	7-13	UN1075	NOT APPLICABLE	NOT APPLICABLE
ISOBUTANE	7-13	UN1075	NOT APPLICABLE	NOT APPLICABLE
ALL OTHER INGREDIENTS & PRODUCT FORMULATION WHMIS – NON CONTROLLED				

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE AEROSOL	ODOUR AND APPEARANCE ODOURLESS, OPAQUE PURPLE			ODOUR THRESHOLD (PPM) N/AP
VAPOUR PRESSURE (mm Hg) 4394.5	VAPOUR DENSITY (AIR=1) N/AP	EVAPORATION RATE (nBuAc=1) N/AP	BOILING POINT (°C) N/AP	FREEZING POINT (°C) -50°C
% VOLATILE (BY VOLUME) 7-13% volatile; 87-93% non volatile	SOLUBILITY IN WATER (20°C) NONE	pH N/AP	SPECIFIC GRAVITY .8548	COEFF. WATER/OIL DIST. N/AP

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABILITY YES	IF YES, UNDER WHICH CONDITIONS? WHEN SPRAYED IN THE PRESENCE OF SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION.			
MEANS OF EXTINCTION	WATER, FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE.			
SPECIAL PROCEDURES	FIRE FIGHTER SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.			
FLAME PROJECTION 13.8 CM	UPPER EXPLOSION LIMIT (% BY VOLUME) N/AP		LOWER EXPLOSION LIMIT (% BY VOLUME) N/AP	
AUTO IGNITION TEMPERATURE (°C) N/AP	TDG FLAMMABILITY CLASSIFICATION 2.1	U.N. NUMBER AEROSOL – 1950	HAZARDOUS COMBUSTION PRODUCTS CARBON MONOXIDE & CO₂	
EXPLOSION DATA N/AP	SENSITIVITY TO IMPACT DO NO CRUSH AEROSOL CONTAINER	RATE OF BURNING N/AP	EXPLOSIVE POWER N/AP	SENSITIVITY TO STATIC DISCHARGE N/AP

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY YES	IF NO, UNDER WHICH CONDITIONS
INCOMPATIBILITY WITH OTHER SUBSTANCES NO	IF SO, WHICH ONES
REACTIVITY AND UNDER WHAT CONDITIONS THERMAL TEMPERATURES ABOVE 49°C (AEROSOL CONTAINER)	
HAZARDOUS DECOMPOSITION PRODUCTS BURNING LIBERATES CO, CO₂, AND UNDETERMINED PYROLYTIC (SMOKE) DECOMPOSITION PRODUCTS.	

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY			
<input type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION ACUTE <input type="checkbox"/> INHALATION CHRONIC <input type="checkbox"/> INGESTION			
EFFECTS OF ACUTE EXPOSURE TO MATERIAL			
WHEN USING AEROSOL AVOID BREATHING HIGH CONCENTRATION OF VAPOURS AS MAY CAUSE LIGHT-HEADED OR GIDDY FEELING.			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL			
NONE			
LD ₅₀ OF MATERIAL	LC ₅₀ OF MATERIAL	EXPOSURE LIMIT OF MATERIAL (TLV)	IRRITANCY OF MATERIAL
N/AP	N/AP	NONE	N/AP
SENSITIZATION OF MATERIAL	CARCINOGENICITY OF MATERIAL	REPRODUCTIVE EFFECTS OF MATERIAL	SYNERGISTIC MATERIALS
N/AP	NEGATIVE	NONE	N/AP

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT		
GLOVES	RESPIRATOR	EYE
OIL RESISTANT	NATURAL, LOCAL VENTILATION	SAFETY GLASSES
FOOTWEAR	CLOTHING	OTHER
OIL RESISTANT	SHOP COAT	NONE
ENGINEERING CONTROLS		
NATURAL OR MECHANICAL VENTILATION.		
LEAK AND SPILL PROCEDURES		
SALVAGE IN METAL CONTAINERS, SOAK UP SMALL SPILLS WITH EARTH OR SAND. WASH AREA WITH DETERGENT AND WATER.		
WASTE DISPOSAL		
INCINERATION OR SANITARY LAND FILL IN ACCORDANCE WITH ALL APPLICABLE LOCAL, PROVINCIAL AND FEDERAL REGULATIONS. (AEROSOL CAN BE DISPOSED OF IN LOCAL GARBAGE.)		
HANDLING PROCEDURES AND EQUIPMENT		
WASH SKIN WITH SOAP AND WATER AFTER CONTACT. REMOVE CONTAMINATED CLOTHING.		
STORAGE REQUIREMENTS		
DO NOT STORE AEROSOL CONTAINER NEAR STOVES, RADIATORS OR OTHER SOURCES OF HEAT. DO NOT INCINERATE OR PUNCTURE AEROSOL CAN.		
SPECIAL PRECAUTIONS		
KEEP AEROSOL CAN OUT OF REACH OF CHILDREN.		

SECTION 8 – FIRST AID MEASURES

EYES
FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN.
SKIN
WASH WITH SOAP AND WATER.
INHALATION
REMOVE TO FRESH AIR. CALL A PHYSICIAN.
INGESTION
DO NOT INDUCE VOMITING. CALL A PHYSICIAN.
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/D – NO DATA AVAILABLE