

LITEWAY, INC.

166 Haverford Road • Hicksville, New York • 11801 USA
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CATALOG # OG-1052

IDENTITY (AS USED ON LABEL AND MANUF. LITERATURE)	NOTE: BLANK SPACES ARE NOT PERMITTED . IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.
LUXLINK OPTICAL GEL OG-1052	

SECTION 1

MANUFACTURER'S NAME LITEWAY, INC.	EMERGENCY TELEPHONE NUMBER WEEKDAY 516 - 931-2800 24 HR CHEMTREC 800 - 424 - 9300	
ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE)	TELEPHONE NUMBER FOR INFORMATION 516-931-2800	
166 HAVERFORD ROAD	DATE PREPARED MARCH 1, 2004	SUPERCEDES PRIOR DATED MSDS FOR THIS MATERIAL
HICKSVILLE, NY 11801	SIGNATURE OF PREPARER (OPTIONAL)	

THE INFORMATION SUPPLIED IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION PRESENTED AND CARGILLE LABORATORIES ASSUMES NO RESPONSIBILITY FOR THE RESULTS OF THE USE OF THIS PRODUCT. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RESPONSIBLE FOR ITS USE SHALL MAKE HIS OR HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS OR HER PARTICULAR PURPOSE.

CONDITIONS OF INTENDED AND NORMAL USE: (ABBR. C.I.U.) AS GEL AT NORMAL ROOM PRESSURE (760 mm Hg), TEMPERATURE 39 °F TO 104 °F IN A NON MISTED / NON AIRBORN STATE IN A ROOM HAVING NORMAL AIR CHANGES, (2) /HR., IN A TRAINED AND SUPERVISED LABORATORY / INDUSTRIAL SETTING USING STANDARD GL / GM PROCEDURES. SEE SECTIONS 7 AND 8

SECTION 2 - HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY INFORMATION

HAZARDOUS COMPONENTS	(COMMON NAME (s))	OSHA PEL CEILING	ACGIH TLV T.W.A.	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
TRADE SECRET	MIXED PHTHALATE ESTERS	5 mg / CUBIC METER *	5 mg / CUBIC METER *		
TRADE SECRET	SILICA AMORPHOUS	15mg / CUBIC METER **		ACGIH RESPIRABLE DUST 5 mg / CUBIC METER **	
				ACGIH TOTAL DUST 10 mg / CUBIC METER **	

**LIMITS ARE FOR THIS INGREDIENT AS A RAW MATERIAL WHEN IT IS A DUST AS INCORPORATED IN OPTICAL GEL. THE SILICA IS PART OF A NON-DRYING GEL AND NOT SUBJECT TO BECOMING AIRBOURNE AT C.I.U.

*PEL CEILINGS & TLV T.W.A.S. IF ANY SHOULD NOT OCCUR IF C.I.U. AND SECTIONS 7 & 8 FOLLOWED.

NOTE: PRODUCT NORMALLY SOLD IN 1 TO 4 OZ. QUANTITIES. USED IN SINGLE DROP TO A FEW CUBIC CENTIMETERS PER APPLICATION.
SEE REQUISITIONER FOR SPECIFIC QUANTITIES INVOLVED.

SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT AT 760 mm Hg > 370 °C	> 698 °F	SPECIFIC GRAVITY (H ₂ O = 1) TEMP. 23 °C / 73 °F	1.11
VAPOR PRESSURE IN mm Hg (TEMP.) 73 °F	NIL	MELTING POINT	ca -49 °F
VAPOR DENSITY (AIR = 1) AT (mm Hg & TEMP.) 760 73 °F	> 1	EVAPORATION RATE AT 760 mm Hg & 23 °C / 73 °F (MINERAL OIL = 1)	< 1
SOLUBILITY IN WATER AT (mm Hg & TEMP.) 760 73 °F	< 3 mg / L	APPEARANCE AND ODOR SLIGHT CHARACTERISTIC ODOR	TRANSLUCENT GEL

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CUP METHOD USED) > 390 °F (199 °C) C.O.C.	FLAMMABLE LIMITS	LEL N.D.F.	UEL N.D.F.
EXTINGUISHING MEDIA CO ₂ , DRY CHEMICAL, FOAM, WATER SPRAY			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

ABBREVIATIONS: N.A. = NOT APPLICABLE; N.D.F. = NO DATA FOUND; TR.S. = TRADE SECRET; N.E. = NOT ESTABLISHED; C.I.U. = CONDITIONS OF INTENDED USE; < = LESS THAN; > = GREATER THAN.

SECTION 5 - REACTIVITY DATA			
STABILITY	UNSTABLE		
	STABLE	YES	
INCOMPATIBILITY (MATERIALS AND / OR CONDITIONS TO AVOID)			
NONE			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	
SECTION 6 - HEALTH HAZARD DATA			
ROUTE (S) OF ENTRY: (NOT LIKELY AT C.I.U.)	INHALATION? POSSIBLE	SKIN? SLIGHT	MUCOUS MEMBRANES / EYES? SLIGHT
INGESTION? POSSIBLE			
HEALTH HAZARDS (ACUTE AND CHRONIC).			
NONE KNOWN AT C.I.U.			
CARCINOGENICITY LISTED:	NTP? NO	IARC MONOGRAPHS? NO	OSHA CARCINOGEN? NO
SIGNS AND SYMPTOMS OF EXPOSURE			
OILY FEEL			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
N.D.F.			
EMERGENCY AND FIRST AID PROCEDURES: INCLUDE POSSIBLE MATERIAL THAT MAY HAVE BEEN MIXED WITH LIQUID DURING USE.			
INHALATION – (NOT LIKELY AT C.I.U.) IF CONCERN ARISES, REMOVE TO FRESH AIR, CONSULT PHYSICIAN.			
SKIN AND CLOTHES – PROMPT SOAP AND WATER WASH. IF DISCOMFORT PERSISTS, CONSULT PHYSICIAN.			
EYES – FLUSH WITH WATER. CONSULT PHYSICIAN.			
INGESTION – WASH OUT MOUTH. PRATICALLY NON-TOXIC. CONSULT PHYSICIAN.			
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE – FOLLOW C.I.U. SEE SECTION 1			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
SCOOP UP AND ABSORB, PLACE IN PLASTIC (POLYETHYLENE OR POLYPROPYLENE) CONTAINER, CAP OR TWIST TIE CLOSURE (SEE SECTION 8).			
WASTE DISPOSAL METHOD:			
ALL CHEMICAL DISPOSALS MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE, AND FEDERAL REGULATIONS.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING			
AVOID CONTINUED EXPOSURE TO LIGHT		STORE BETWEEN 39 °F AND 104 °F (4 °C AND 40 °C)	
OTHER PRECAUTIONS			
N.A.			
SECTION 8 - CONTROL MEASURES; WHEN USED AS INTENDED (SEE SECTION 1)			
RESPIRATORY PROTECTION (SPECIFY TYPE)			
SEE "VENTILATION"			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	*		N.A.
	MECHANICAL (GENERAL)	OTHER	
	*		N.A.
PROTECTIVE GLOVES		EYE PROTECTION	
* IF WORN, POLYETHYLENE GLOVES ARE RECOMMENDED		*	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT			
*			
* = NOT MANDATORY EXCEPT AS GOOD LABORATORY INDUSTRIAL PRACTICES. ALWAYS USE GOOD HYGIENIC WORK / PRACTICES AS TO HOUSEKEEPING, PERSONAL HYGIENE, USE OF CHEMICAL LAB APRON AND SPLASH GOGGLES, AVOIDANCE OF VAPORS, PROLONGED AND REPEATED SKIN CONTACT.			
SPECIAL PRECAUTIONS			
N.A.			