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MATERIAL SAFETY DATA SHEET

SECTION I • PRODUCT IDENTIFICATION

CATALOG NUMBER (S)	48-7002	EMERGENCY TELEPHONE NUMBER	1-800-624-8380
CHEMICAL NAME AND SYNONYMS	Polyacrylamide Gel	DATE PREPARED/REVISED	9/26/03 REVISION # 02
TRADE NAME AND SYNONYMS	Lipoprint LDL System Loading Gel		
CHEMICAL FAMILY			

SECTION II • HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBER	PERCENT	EXPOSURE LIMITS IN AIR		
			ACGIH (TLV)	OSHA (PEL)	OTHER
Acrylamide	79061	3.2%	0.3 mg/m ³		
Dimethylformamide	68122	0.1%	10 ppm		

SECTION III • PHYSICAL PROPERTIES

BOILING POINT OR RANGE (F)	N/A	MELTING POINT OR RANGE (F)	N/A
SPECIFIC GRAVITY (H ₂ O=1)	N/A	SOLUBILITY IN WATER	YES
VAPOR PRESSURE (mmHg)	N/A	VAPOR DENSITY (AIR=1)	N/A
PERCENT, VOLATILE BY VOLUME (%)	N/A	EVAPORATION RATE (_____ = 1)	N/A

APPEARANCE AND ODOR Odorless Blue Liquid

HOW TO DETECT THIS SUBSTANCE*

*WARNING PROPERTIES OF SUBSTANCE AS A GAS, VAPOR, DUST OR MIST • ODOR IS NOT AN ADEQUATE WARNING OF INHALATION HAZARD • SKIN IRRITATION IS NOT AN ADEQUATE WARNING OF ABSORPTION THROUGH THE SKIN

SECTION IV • FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	N/A	FLAMMABLE LIMITS IN AIR, VOLUME (%)	N/A	LOWER	UPPER
AUTOIGNITION TEMPERATURE (F)	N/A				
FIRE EXTINGUISHING MATERIALS	N/A				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

SECTION V • HEALTH HAZARD DATA

SYMPTOMS OF OVEREXPOSURE	No vapor hazard from inhalation.
ACUTE HEALTH OR RISKS FROM EXPOSURE	Avoid contact with skin and eyes. Irritation can occur.
CHRONIC HEALTH OR RISKS FROM EXPOSURE	Attacks central nervous system
FIRST AID: EMERGENCY PROCEDURES	Eyes and skin: rinse with water. If irritation persists, see physician.
SUSPECTED CANCER AGENT ?	No
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	If swallowed, may cause vomiting and stomach irritation.
RECOMMENDATIONS TO PHYSICIAN	If swallowed, give water and induce vomiting.

SECTION VI • REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID	
	STABLE	X	
INCOMPATIBILITY (<i>Materials to avoid</i>)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII • SPILL, LEAKAGE AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES	Clean up area with soap and water. Personnel doing cleanup should wear protective gloves.
WASTE DISPOSAL METHOD	

SECTION VIII • SPECIAL HANDLING INFORMATION

RESPIRATORY PROTECTION (<i>Specify type</i>)			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	MECHANICAL (<i>General</i>)	OTHER	
PROTECTIVE GLOVES	Wear protective gloves.	EYE PROTECTION	Avoid getting into eyes.
OTHER CLOTHING AND EQUIPMENT	Wear lab coat.		
WORK AND HYGIENIC PRACTICES	Do not pipet by mouth.		
OTHER HANDLING AND STORAGE REQUIREMENTS			
PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT			