

AMERICAN LUBRICANTS, Inc.		MATERIAL SAFETY DATA SHEET		ADDRESS: 619 Bailey Avenue Buffalo, NY 14206		
PRODUCT IDENTIFICATION	Product Name	EP #2	Code No.	Emergency Phone Number(s)		
	RED LITHIUM COMPLEX GREASE		10,735-2	Business: (716) 827-8300		
	Chemical Name		LUBRICATING GREASE		Other:	
INGREDIENTS	Synonyms	EP LITHIUM COMPLEX #2		Chemical Family		
	MATERIALS OR COMPONENTS		%W	CAS NUMBER	CARCINOGENIC OR IARC	
	LITHIUM 12 HYDROXYOCTADECANOATE					
	SEBACATE		8.0	68815-49-6	NO	
	MINERAL OIL		44.0	64742-65-0	NO	
	MINERAL OIL		44.0	64742-41-2	NO	
ANTIMONY DIALKYL DITHIOCARBAMATE		4.0	15890-25-2	NO		
SHIPPING INFORMATION	NOT RESTRICTED					
PHYSICAL PROPERTIES	Boiling Point/Range	°C	700 °F	Melting Point	°C	
					500 °F	
	Freezing Point	°C	-10 °F	Molecular Weight (Calculated)		
				NA		
	Specific Gravity (H ₂ O=1)	0.89 @	/	16 °C	Vapor Pressure (mm Hg)	
				NA	°C	
	Solubility in H ₂ O	NIL		% Volatiles by Volume	0	
	Evaporation Rate	NA		°F	NA	
	Appearance and Odor	RED SEMI-SOLID - BLAND		Other		
FIRE AND EXPLOSION DATA	Flash Point	°C	480 °F	Test Method	D-92	
	Flammable Limits		Lower	NA	% Upper	
	Autolignition Temperature/Fire Point		°C	530 °F		
	EXTINGUISHING MEDIA					
	<input type="checkbox"/> Water-spray	<input checked="" type="checkbox"/> Water-flop	<input type="checkbox"/> Water Stream	<input checked="" type="checkbox"/> CO ₂	<input checked="" type="checkbox"/> Dry chemical	
	<input type="checkbox"/> Alcohol foam	<input checked="" type="checkbox"/> Foam	<input checked="" type="checkbox"/> Earth or Sand			
	SPECIAL FIRE FIGHTING PROCEDURES					
	<input type="checkbox"/> Do not enter building	<input type="checkbox"/> Allow fire to burn	<input checked="" type="checkbox"/> Water may cause frothing	<input type="checkbox"/> Do not use water		
	UNUSUAL FIRE AND EXPLOSION HAZARDS					
	<input type="checkbox"/> Dust explosion hazard	<input type="checkbox"/> Sensitive to shock	<input type="checkbox"/> Contamination	<input type="checkbox"/> Temperature	<input type="checkbox"/> Other (specify): NONE	
REACTIVITY DATA	STABILITY		CONDITIONS CONTRIBUTING TO INSTABILITY			
	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable	<input type="checkbox"/> Thermal decomposition	<input type="checkbox"/> Photo degradation	<input type="checkbox"/> Polymerization	
	INCOMPATIBILITY - Avoid contact with		<input type="checkbox"/> Strong acids	<input type="checkbox"/> Strong alkalis	<input checked="" type="checkbox"/> Strong oxidizers	<input type="checkbox"/> Other (specify):
	HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list)					
	CO & CO ₂ IF INCOMPLETE COMBUSTION.					
	CONDITIONS TO AVOID					
	<input type="checkbox"/> Heat	<input checked="" type="checkbox"/> Open flames	<input type="checkbox"/> Sparks	<input type="checkbox"/> Ignition sources	<input type="checkbox"/> Other (specify):	
SPILL OR LEAK	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED					
	<input type="checkbox"/> Flush with water	<input checked="" type="checkbox"/> Absorb with sand or inert material	<input type="checkbox"/> Neutralize	<input checked="" type="checkbox"/> Sweep or scoop up and remove	<input type="checkbox"/> Keep upwind. Evacuate enclosed spaces.	
	<input type="checkbox"/> Dispose of immediately	<input type="checkbox"/> Other (specify):			<input type="checkbox"/> Prevent spread of spill	
	WASTE DISPOSAL METHOD - Consult federal, state, or local authorities for proper disposal procedures.					
	ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.					

CONTINUED ON REVERSE SIDE

Before using product, read and follow directions and precautions on product label and bulletins.

TOXICITY INFORMATION	CONDITIONS TO AVOID	NONE KNOWN	
	PRIMARY ROUTES OF ENTRY	<input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> OTHER (Specify)	
	This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC.		
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):			
	CAS#	Chemical Name	Percent by Weight
	15890-25-2	ANTIMONY DIALKYL DITHIOCARBAMATE	4.0

NFPA Rating	Health	0*	NFPA HAZARD RATING CODES	
	Flammability	1		
	Reactivity	0	Least	0
	Protective Equipment	8	Slight	1
			Moderate	2
			High	3
			Extreme	4

HEALTH HAZARD INFORMATION	PERMISSIBLE EXPOSURE LIMIT (Specify if TLV/TWA or Ceiling [c])	ACGIH 19			OSHA 1999 5mg/m ³ for Mineral Oils	Other:
	IRRITATION	<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Severe	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> Mild (transient)	
		<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Severe	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> Mild (transient)	
	CORROSIVITY	<input type="checkbox"/> Skin	<input type="checkbox"/> 4 hrs. (DOT)	<input type="checkbox"/> 24 hrs. (CPSC)	<input checked="" type="checkbox"/> Not Corrosive	
		<input type="checkbox"/> Eye	<input type="checkbox"/> May cause blindness			
	SENSITIZATION	<input type="checkbox"/> Skin	<input type="checkbox"/> Respiratory	<input checked="" type="checkbox"/> None	INHALATION EFFECTS	
					<input type="checkbox"/> Narcotic effect	<input type="checkbox"/> Cyanosis
						<input type="checkbox"/> Asphyxiant
	LUNG EFFECTS (Specify):	NA				
	OTHER (Specify):	NONE				

Emergency First Aid	INGESTION	<input type="checkbox"/> Induce vomiting	<input checked="" type="checkbox"/> Do NOT induce vomiting	<input type="checkbox"/> Give plenty of water	<input checked="" type="checkbox"/> Get medical attention	<input type="checkbox"/> Other (specify):
	DERMAL	<input checked="" type="checkbox"/> Flush with soap and water	<input type="checkbox"/> Get medical attention	<input checked="" type="checkbox"/> Contaminated clothing - remove & launder	<input type="checkbox"/> Contaminated shoes - destroy	<input type="checkbox"/> Other (specify):
	EYE CONTACT	<input checked="" type="checkbox"/> Flush with plenty of water for at least 15 minutes		<input checked="" type="checkbox"/> Get medical attention	<input type="checkbox"/> Other (specify):	
	INHALATION	<input type="checkbox"/> Remove to fresh air	<input type="checkbox"/> If not breathing, give artificial respiration	<input type="checkbox"/> Give oxygen	<input type="checkbox"/> Get medical attention	<input type="checkbox"/> Other (specify): NA

SPECIAL PROTECTION INFORMATION	VENTILATION REQUIREMENTS - Always maintain exposure below permissible exposure limits					
	<input type="checkbox"/> Consult an industrial hygienist or environmental health specialist	<input type="checkbox"/> Local exhaust	<input checked="" type="checkbox"/> Use with adequate ventilation	<input type="checkbox"/> Check for air contaminant and oxygen deficiency		
	EYE	<input checked="" type="checkbox"/> Face shield	HAND (GLOVE TYPE)		<input type="checkbox"/> Butyl rubber	<input type="checkbox"/> Polyvinyl alcohol
		<input type="checkbox"/> Safety glasses	<input type="checkbox"/> Goggles	<input type="checkbox"/> Polyvinyl chloride	<input checked="" type="checkbox"/> Neoprene	<input type="checkbox"/> Natural rubber
					<input checked="" type="checkbox"/> Polyethylene	<input type="checkbox"/> Other (specify):
	RESPIRATOR TYPE - Use only NIOSH / MESA approved equipment	<input type="checkbox"/> Self-contained	<input type="checkbox"/> Supplied air	<input type="checkbox"/> Can or cartridge gas or vapor	<input type="checkbox"/> Filter - dust, fume, mist	<input type="checkbox"/> Other (specify): NA
	OTHER PROTECTIVE EQUIPMENT	<input type="checkbox"/> Rubber boots	<input type="checkbox"/> Apron	<input type="checkbox"/> Other (specify): NONE NORMALLY REQUIRED		

SPECIAL PRECAUTIONS	PRECAUTIONARY NOTES	<input checked="" type="checkbox"/> Wash thoroughly after handling	<input checked="" type="checkbox"/> Do not get in eyes, or on clothing	<input type="checkbox"/> Do not breathe dust, vapor, mist, gas	<input checked="" type="checkbox"/> Keep container closed	<input checked="" type="checkbox"/> Keep away from sparks, and open flames	<input type="checkbox"/> Store in tightly closed containers
		<input type="checkbox"/> Do not store near combustibles	<input type="checkbox"/> Keep from contact with clothing and other combustible materials	<input type="checkbox"/> Empty container may contain hazardous residues	<input type="checkbox"/> Use explosion proof equipment	<input type="checkbox"/> Other (specify):	
	Other handling and storage conditions	NO SPECIAL CONDITIONS					

Prepared by	Dennis Krol Technical Director	Date	2/99	Address	619 Bailey Avenue, Buffalo, NY 14206	Phone	(716)827-8300
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