

		MATERIAL SAFETY DATA SHEET		ADDRESS: 1174 Erie Avenue, Box 728 N. Tonawanda, NY 14120	
PRODUCT IDENTIFICATION	PRODUCT NAME ECCO Special Mill Coupling Grease		Code No. 11,193		Emergency Phone Number(s) Business: (716) 695-2100 Fax: (716) 695-0367
	(All Grades) Lubricating Grease				Date Sent: 5/07
	SYNONYMS				Chemical Family Hydrocarbon
INGREDIENTS	MATERIALS OR COMPONENTS		%W	CAS NUMBER	CARCINOGEN OSHA OR IARC
	Lithium 12 Hydroxystearate		3-5	7620-77-1	No
	Mineral Oil		80-90	64742-52-5	No
	Styrene-Ethylene/Propylene Copolymer		5-10	68648-89-5	No
	Zinc Alkyldithiophosphate		<1.0	68649-42-3	No
	Calcium Carbonate		3-6	1317-65-3	No
	Molybdenum Disulfide		0-3	1317-33-5	No
SHIPPING INFORMATION Not Restricted / EEC 671548-Not Applicable					
PHYSICAL PROPERTIES	Boiling Point/Range °C 600 °F		Melting Point °C 350 °F		Freezing Point °C =20 °F
	Specific Gravity (H ₂ O=1) 0.89 @ / 16 °C		Vapor Pressure (mm Hg) NA °C		Vapor Density (Air=1) NA
	Solubility in H ₂ O Nil		% Volatiles by Volume 0		Evaporation Rate NA ☐ Either = 1 ☐ Water = 1 ☐ Butylacetate =1
	Appearance and Odor Grayish Brown Semi-Fluid-Bland		Other		
FIRE AND EXPLOSION DATA	Flash Point °C 500 °F		Test Method D-92		Flammable Limits Lower NA % Upper %
	Autoignition Temperature/Fire Point °C 545 °F				
	EXTINGUISHING MEDIA ☐ Water-spray ☒ Water-fog ☐ Water-stream ☒ CO ₂ ☒ Dry chemical ☐ Alcohol foam ☒ Foam ☒ Earth or sand				
	SPECIAL FIRE FIGHTING PROCEDURES ☐ Do not enter Building ☐ Allow fire to burn ☒ Water may cause frothing ☐ Do not use water				
REACTIVITY DATA	STABILITY ☒ Stable ☐ Unstable		CONDITIONS CONTRIBUTING TO INSTABILITY ☐ Thermal decomposition ☐ Photo degradation ☐ Polymerization ☐ Contamination		
	INCOMPATIBILITY - Avoid contact with ☐ Strong Acids ☐ Strong Alkalis ☒ Strong Oxidizers ☐ Other (Specify):				
	HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list) CO & CO₂ IF INCOMPLETE COMBUSTION.				
	CONDITIONS TO AVOID ☐ Heat ☒ Open Flames ☐ Sparks ☐ Ignition sources ☐ Other (specify):				
SPILL OR LEAK	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED ☐ Flush with Water ☒ Absorb with sand or inert material ☐ Neutralize ☒ Sweep or scoop up and remove ☐ Keep upwind Evacuate enclosed spaces. ☐ Prevent Spread or spill				
	WASTE DISPOSAL METHOD - Consult federal, state, or local authorities for proper disposal procedures. ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.				

NA - Not Applicable

CONTINUED ON
REVERSE SIDE


TOXICITY INFORMATION	CONDITIONS TO AVOID																			
	Excessive Contact																			
	PRIMARY ROUTES OF ENTRY ☐ INHALATION ☒ SKIN CONTACT ☐ 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.																			
HEALTH HAZARD INFORMATION	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): <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><u>CAS#</u></td> <td style="width:40%;"><u>Chemical Name</u></td> <td style="width:40%;"><u>Percent by Weight</u></td> </tr> <tr> <td>68649-42-3</td> <td>Zinc Alkyldithiophosphate</td> <td><1.0</td> </tr> </table>			<u>CAS#</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>	68649-42-3	Zinc Alkyldithiophosphate	<1.0											
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SPECIAL PROTECTION INFORMATION	SENSITIZATION ☐ Skin ☐ Respiratory ☒ None																			
	INHALATION EFFECTS ☐ Narcotic effect ☐ Cyanosis ☐ Asphyxiant																			
	LUNG EFFECTS (Specify): NA																			
	OTHER (Specify): ☐ Repeated contact-skin defatter ☐ Other (Specify) NA																			
EMERGENCY FIRST AID	INGESTION ☐ Induce vomiting ☒ Induce vomiting ☐ Give plenty of water ☒ Get medical attention ☐ Other (Specify):																			
	DERMAL ☒ Flush with soap and water ☐ Get medical attention ☒ Contaminated clothing-remove & launder ☐ Contaminated shoes-destroy ☐ Other (Specify):																			
	EYE CONTACT ☒ Flush with plenty of water for at least 15 minutes ☒ Get medical attention ☐ Other (Specify):																			
	INHALATION ☐ Remove to fresh air ☐ If not breathing give artificial respiration ☐ Give oxygen ☐ Get medical attention ☐ Other (Specify): NA																			
SPECIAL PRECAUTIONS	VENTILATION REQUIREMENTS - Always maintain exposure below permissible exposure limits ☐ Consult an industrial hygienist or environmental health specialist ☐ Local exhaust ☒ Use with adequate ventilation ☐ Check for air contamination and oxygen deficiency																			
	EYE ☒ Safety glasses ☐ Face Shield ☐ Goggles																			
	HAND (GLOVE TYPE) ☐ Polyvinyl chloride ☒ Neoprene ☐ Butyl Rubber ☐ Polyvinyl alcohol ☒ Polyethylene ☒ Other (Specify): Nitrile																			
	RESPIRATOR TYPE - Use only NIOSH / MESA approved equipment ☐ Self-contained ☐ Supplied air ☐ Can or cartridge gas or vapor ☐ Filter-dust, fume, mist ☐ Other (Specify): NA																			
OTHER PROTECTIVE EQUIPMENT ☐ Rubber boots ☐ Apron ☐ Other (specify): None Normally Required																				
PRECAUTIONARY NOTES <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">☒ Wash Thoroughly after handling</td> <td style="width:25%;">☒ Do not get in eyes, or on clothing</td> <td style="width:25%;">☐ Do not breathe dust, vapor, mist, gas</td> <td style="width:25%;">☒ Keep container closed</td> </tr> <tr> <td>☐ Do not store near Combustibles</td> <td>☐ Keep from contact with clothing and other combustible materials</td> <td>☐ Empty container may contain hazardous residues</td> <td>☒ Keep away from sparks, and open flames</td> </tr> <tr> <td colspan="2"></td> <td>☐ Use explosion proof equipment</td> <td>☐ Other (Specify):</td> </tr> </table>				☒ Wash Thoroughly after handling	☒ Do not get in eyes, or on clothing	☐ Do not breathe dust, vapor, mist, gas	☒ Keep container closed	☐ Do not store near Combustibles	☐ Keep from contact with clothing and other combustible materials	☐ Empty container may contain hazardous residues	☒ Keep away from sparks, and open flames			☐ Use explosion proof equipment	☐ Other (Specify):					
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Other handling and storage conditions Normal Precautions Common To Good Manufacturing Practices Should Be Followed																				
Prepared by		Date	Rev	Address	Phone															
Dennis Krol		5/07	8	1174 Erie Ave., Box 728, N. Tonawanda, NY 14120	(716) 695-2100															
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