

ID#:	4015004	User making request:	Dorrett Bryan
Fax:		Phone:	01438 903752
Email:	dorrett.bryan@morrisonus.com	Date Created:	19/03/2020
Date Assessment Reviewed	15/04/2021	Next Review Date:	15/04/2022
Material Code:	136955	Tradename:	LITHIUM EP1, EP2, EP2+MOLY, EP3
Supplier:	PENNINE LUBRICANTS LIMITED	IMC:	
Keyword:	Grease	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	100g	How many people are directly exposed?:	1
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	
Are there any susceptible workers?:	No	Susceptible Categories:	
Other info:		Is this material being used outside of the normal temperature range?:	No
Additional work practices:			
Existing Control measures:			
Exp Limit	5 mg/m3 8hrTWA *OEL oil mist, Highly refined mineral oil (IP 346 DMSO extract < 3 percent) 5mg/m3 8hTWA 10mg/m3 15mSTEL OEL		
Notes			

Files Uploaded

File Name
pLgrHtm1.pdf

Activities

Act No.	Method	Area	Exposure
4	Hand applying	Inside Well Ventilated	1/2 to 2 hours per shift
15	Hand applying	Outside	1/2 to 2 hours per shift

Work Area

Work Area Code
TELECOMS

Sub Area Code

Safer Substitute Chosen

Reason for leaving/swapping material

MATERIAL/PROCESS

LITHIUM EP1, EP2, EP2+MOLY, EP3

MEDIUM HAZARD

SEMI-SOLID

SUPPLIER

PENNINE LUBRICANTS LIMITED

KEYWORD

Grease

CONTENTS

Highly refined mineral oil (IP 346 DMSO extract < 3 percent),
Zinc dialkyldithiophosphate 1 - 10%, Additives

SIGNAL WORD

WARNING




EXP LIMIT


5 mg/m3 8hrTWA *OEL oil mist, Highly refined mineral oil (IP 346 DMSO extract < 3

HEALTH HAZARDS

Causes serious eye irritation
Causes skin irritation
Mechanically degraded mineral oil may cause skin cancer
May cause ill health if ingested in quantity

CONSIDERATIONS





METHOD

Hand applying

AREA

Inside Well Ventilated

EXPOSURE TIME

1/2 to 2 hours per shift

SPILLAGE

Ventilate area
Wear polythene or nitrile gloves
Suitable eye protection must be worn
Wear respiratory protection for large spills in poorly ventilated areas
Wear protective overalls & chemical proof footwear
Scoop or scrape up and place in suitable container
Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate


MEDIUM ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE


CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY


MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY




KEEP SKIN COVERED




POLYTHENE OR NITRILE




BS EN166







WASH AFTER EXPOSURE



IF SOILED



CLOSE ALL CONTAINERS




ACUTE HAZARD

FIRST AID

Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill
Ingestion - do not induce vomiting, wash out mouth with water
If feeling unwell consult your doctor immediately
Eye - rinse thoroughly with water for 20 minutes - take care not to affect uncontaminated eye. If irritation persists then consult a doctor
Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor
High pressure injection of material into skin - get immediate medical attention

FIRE

Isolated small scale fire:
Powder - foam - carbon dioxide (CO2)
Large fire: evacuate area, call fire brigade or follow site procedure
Wear self-contained breathing apparatus and protective clothing
Toxic fumes are produced when material is involved in a fire




Alcumus®
Safer, Healthier, Stronger

ACTIVITY COMMENTS

This assessment was compiled by Alcumus Sypol Limited from supplier's safety data sheets where appropriate. Safety in the use of assessments is the responsibility of the subscriber. For advice call the helpdesk on 01296 678464

Printed 15/04/2021



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DATE ASSESSMENT REVIEWED15/04/2021

LATEST SAFETY DATA SHEET REFERENCE

18/09/2012

MATERIAL/PROCESS

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REQUEST DETAILS	#ID:	4015004	User making request:	Dorrett Bryan
MATERIAL DETAILS	Material Code:	136955	<div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>HIGH UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	LITHIUM EP1, EP2, EP2+MOLY, EP3			
IMC:	Supplier:	PENNINE LUBRICANTS LIMITED		

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SCENARIO DETAILS	Additional work practices:		
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Are there any susceptible workers?:	No	How are they exposed?:	
		Susceptible Categories:	

WORK AREA	
Work Area Code	Sub Area Code
TELECOMS	

OTHER INFORMATION

CONSIDERATIONS	Answer
 Has the elimination or substitution of this material been considered?	YES
 Are procedures to ensure the maintenance of controls in place?	YES
 Are procedures to undertake skin checks in place?	YES