

ID#:	80360	Assessment Owner:	Clive Owen
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Email:	clive@a1groupuk.com	Date Created:	14/03/2011 11:13:00
Date Assessment Reviewed	05/01/2021	Next Review Date:	05/01/2024 15:30:00
Material Code:	12220	Tradename:	GLYCOL ETHER BASED BRAKE FLUID
Supplier Phone:		Supplier	VARIOUS
Keyword	Brake Fluid	IMC:	
Approximately how much of the material is used by one person in one working day:	1 gallon	Frequency of use:	Daily
Are any other people put at risk from indirect exposure?:	No	How many people are directly exposed?:	6-10
Are there any susceptible workers?:	No	How are they exposed?:	
Other info:		Susceptible Categories:	
Additional work practices:		Is this material being used outside of the normal temperature range?:	No
Existing Control measures:	glove and goggles worn		
Exp Limit	2,2'-oxydiethanol 101mg/m3 8hTWA WEL, 2-(2-methoxyethoxy)ethanol 50.1mg/m3 8hTWA 10ppm 8hTWA WEL, 2-(2-butoxyethoxy)ethanol 67.5mg/m3 8hTWA 101.2mg/m3 15mSTEL		
Notes			
Files Uploaded			
File Name			
Activities			
Act No	Method	Area	Exposure
9	Draining	Outside	Up to 1/2 hour per shift
Work Area			
Work Area Code	Sub Area Code		
CS			
Safer Substitute Chosen	Reason for leaving/swapping material remove from scrap cars		

Material/Process
GLYCOL ETHER BASED BRAKE FLUID



Health Hazards
 Causes serious eye damage
 Suspected of damaging the unborn child
 Mechanically degraded mineral oil may cause skin cancer
 May cause ill health if ingested in quantity

Considerations



HIGH HAZARD
 LIQUID

Supplier VARIOUS
Keyword Brake Fluid

Contents
 2-(2-(2-butoxyethoxy)ethoxy)ethanol: 10 - 30%, 2,2'-oxydiethanol: 1 - 10%, 2-(2-methoxyethoxy)ethanol: 1 - 10%, 2-(2-butoxyethoxy)ethanol: 1 - 10%

Signal Word Danger
Exp Limit 2,2'-oxydiethanol 101mg/m3 8hTWA WEL, 2-(2-methoxyethoxy)ethanol 50.1mg/m3 8hTWA 10ppm 8hTWA WEL, 2-(2-butoxyethoxy)ethanol 67.5mg/m3

Method	Draining	Area	Outside	Exposure	Up to 1/2 hour per shift
MEDIUM ACUTE RISK - FULL EXPOSURE			MEDIUM CHRONIC RISK - FULL EXPOSURE		

Control Measures

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY			MEDIUM CHRONIC RISK		
KEEP SKIN COVERED	POLYTHENE OR NITRILE	BS EN166 GRADE 3		WASH AFTER USE	IF SOILED



KEEP SKIN COVERED POLYTHENE OR NITRILE BS EN166 GRADE 3 WASH AFTER USE IF SOILED



CLOSE ALL CONTAINERS ACUTE HAZARD

Spillage
 Ventilate area
 Wear polythene or nitrile gloves
 Suitable eye protection must be worn
 Suitable respiratory protection must be worn
 Wear protective overalls and footwear for large spillages
 Absorb in sand or inert absorbent material
 Small spills - wipe up with cloth
 Collect into a container, close lid
 Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid
 Ensure access to eyewash station for emergency use
 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 contact - irrigate using eyewash & get immediate medical attention
 Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

Fire
 Isolated small scale fire:
 Water - carbon dioxide - foam - inert material
 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

Activity Comments
 Used oil may contain carcinogenic material

Date Printed 23/02/2023



Material/Process
GLYCOL ETHER BASED BRAKE FLUID

HIGH HAZARD
 LIQUID



Supplier VARIOUS
Keyword Brake Fluid
Signal Word Danger

Method	Area	Exposure	Activity Comments
Draining	Outside	Up to 1/2 hour per shift	Used oil may contain carcinogenic material
MEDIUM ACUTE RISK - FULL EXPOSURE		MEDIUM CHRONIC RISK - FULL EXPOSURE	

Control Measures

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY	MEDIUM CHRONIC RISK
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KEEP SKIN COVERED	POLYTHENE OR NITRILE	BS EN166 GRADE 3		WASH AFTER USE	IF SOILED	CLOSE ALL CONTAINERS	ACUTE HAZARD

Health Hazards
 Causes serious eye damage
 Suspected of damaging the unborn child
 Mechanically degraded mineral oil may cause skin cancer
 May cause ill health if ingested in quantity



This assessment was compiled by Alcumus Sygol 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

Date Printed 23/02/2023







REQUEST DETAILS	#ID:	80360	User making request	Clive Owen
MATERIAL DETAILS	Material Code:	12220	<div style="background-color: yellow; padding: 5px; text-align: center;"> MEDIUM UNCONTROLLED ACUTE RISK MEDIUM UNCONTROLLED CHRONIC RISK </div> <div style="background-color: lightgreen; padding: 5px; text-align: center;"> LOW CONTROLLED ACUTE/CHRONIC RISK </div>	
Tradename:	GLYCOL ETHER BASED BRAKE FLUID			
IMC	Supplier	VARIOUS		

ACTIVITY DETAILS			
Act No	Method	Area	Exposure
9	Draining	Outside	Up to 1/2 hour per shift

SCENARIO DETAILS					
Additional work practices:					
Approximately how much of the material is used by one person in one working day:	1 gallon	Frequency of use:	Daily	How many people are directly exposed?:	6-10
Are any other people put at risk from indirect exposure?:	No				
Are there any susceptible workers?:	No	Susceptible Categories:			

Work Area Code	Sub Area Code
CS	

Other Information

Considerations	Answer
 Has the elimination or substitution of this material been considered?	Yes
 Have users been informed, instructed and trained in the use of the relevant risk control measures?	Yes
 Are procedures to ensure the maintenance of controls in place?	Yes
 Are procedures to conduct exposure monitoring in place?	Yes



Are procedures to undertake skin checks in place?

Yes



Are specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?

Yes



Have all actions to be taken in the event of an emergency been considered?

Yes

SYPOL

Dear Subscriber,

Unfortunately, a supplier Safety Data Sheet (SDS) is not available for this product. The absence of an SDS could be due to various reasons, including:

- The assessment is for an emission / by product of a process (i.e. welding fumes, vehicle exhaust emissions etc.)
- The assessment is for a substance which is not Commercially supplier (i.e. biological materials)
- The assessment is a generic assessment which could cover products from different suppliers
- The information supplied by the manufacturer is of insufficient standard to be attached to the assessment.

Should you require any more information, please contact the CMS helpdesk on **+44 (0)1296 678464**, or at CMS.helpdesk@alcumusgroup.com

Discover more at **0330 127 7526**
or **www.alcumus.com**

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