Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

SAFETY DATA SHEET



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	Molub-Alloy OG 936 SF Heavy
UFI:	ATU1-T096-E005-036P
Product code	468617-DE03
SDS #	468617
Product type	Grease

1.2 Relevant identified uses of the substance or mixture and uses advised against

	Identified uses
	es in open systems-Industrial es in open systems-Professional
Use of the substance/ mixture	Grease for industrial applications For specific application advice see appropriate Technical Data Sheet or consult our company representative.
.3 Details of the supplier of	the safety data sheet
Supplier	Castrol Holdings Europe B.V., d'Arcyweg 76, 3198NA Europoort Rotterdam
	Castrol Germany GmbH, Überseeallee 1, 20457 Hamburg
	+49 (0) 800 863 73 70
E-mail address	MSDSadvice@bp.com
.4 Emergency telephone nu	ımber
EMERGENCY TELEPHONE NUMBER	Carechem: +44 (0) 1235 239 670 (24/7)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Skin Sens. 1, H317

See Section 16 for the full text of the H statements declared above. See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

2.2 Label elements

UFI: Hazard pictograms ATU1-T096-E005-036P



Warning

Signal word Hazard statements <u>Precautionary statements</u> Prevention

H317 - May cause an allergic skin reaction.

P280 - Wear protective gloves. P261 - Avoid breathing dust.

Product name Molub-Alloy OC	G 936 SF Heavy		Product code 468617-I	DE03	Page: 1/16
Version 14.01 Date of issue	6 September 2023	Format	Germany	Language	ENGLISH
Date of previous issue	10 November 2022.		(Germany)		

SECTION 2: Hazards identification

Response	P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical attention.
Storage	Not applicable.
Disposal	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione
Supplemental label elements	Not applicable.
EU Regulation (EC) No. 1907/	<u>2006 (REACH)</u>
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable.
Special packaging requireme	<u>nts</u>
Containers to be fitted with child-resistant fastenings	Not applicable.
Tactile warning of danger	Not applicable.
2.3 Other hazards	
Results of PBT and vPvB assessment	Product does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	Defatting to the skin. Note: High Pressure Applications Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. See 'Notes to physician' under First-Aid Measures, Section 4 of this Safety Data Sheet.

SECTION 3: Composition/information on ingredients

Mixture

3.2 Mixtures

Product definition

Highly refined base oil (IP 346 DMSO extract < 3%). and additives. Thickening agent.

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Petroleum resins	REACH #: 01-2119480172-44 EC: 232-490-9 CAS: 8052-42-4	≥25 - ≤50	Not classified.	-	[2]
Graphite	REACH #: 01-2119486977-12 EC: 231-955-3 CAS: 7782-42-5	≥10 - ≤25	Not classified.	-	[2]
5,5'-dithiodi-1,3,4-thiadiazole-2 (3H)-thione	REACH #: 01-2120119820-64 EC: 276-763-0 CAS: 72676-55-2	<2.5	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	-	[1]
(Z)-N-9-octadecenylpropane- 1,3-diamine	REACH #: 01-2119487002-46 EC: 230-528-9 CAS: 7173-62-8	<0.1	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/ kg M [Acute] = 10 M [Chronic] = 1	[1]

See Section 16 for the full text of the H statements declared above.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

ſ	Product name Molub-Alloy OG	936 SF Heavy		Product code 468617-	DE03	Page: 2/16
	Version 14.01 Date of issue	6 September 2023	Format	Germany	Language	ENGLISH
	Date of previous issue	10 November 2022.		(Germany)		

SECTION 3: Composition/information on ingredients

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid me	easures
Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. In the event of any complaints or symptoms, avoid further exposure. Get medical attention.
Inhalation	If inhaled, remove to fresh air. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Get medical attention if symptoms occur.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Get medical attention if symptoms occur.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Potential acute health effects	
Inhalation	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion	No known significant effects or critical hazards.
Skin contact	Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Eye contact	No known significant effects or critical hazards.
Delayed and immediate effect	s as well as chronic effects from short and long-term exposure
Inhalation	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.
Ingestion	Ingestion of large quantities may cause nausea and diarrhoea.
Eye contact	Potential risk of transient stinging or redness if accidental eye contact occurs.
4.3 Indication of any immediat	e medical attention and special treatment needed
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects. In case of inhalation of decomposition products in a fire, symptoms may be delayed.

In case of inhalation of decomposition products in a fire, symptoms may be delayed.
The exposed person may need to be kept under medical surveillance for 48 hours.
Note: High Pressure Applications
Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis.
Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

SECTION 5: Firefighting measures

5.1 Extinguishing media					
Suitable extinguishing media	In case of fire, use water fog, alcohe extinguisher or spray.	ol resista	nt foam, dry chemical o	r carbon diox	kide
Unsuitable extinguishing media	Do not use water jet. The use of a burning product.	water jet	may cause the fire to sp	oread by spla	ashing the
5.2 Special hazards arising from	m the substance or mixture				
Hazards from the substance or mixture	No specific fire or explosion hazard				
Hazardous combustion products	Combustion products may include the carbon oxides (CO, CO ₂) (carbon metal oxide/oxides nitrogen oxides (NO, NO ₂ etc.) sulphur oxides (SO, SO ₂ , etc.)		0		
Product name Molub-Alloy OG 9	36 SF Heavy		Product code 468617-	DE03	Page: 3/16
Version 14.01 Date of issue 6	September 2023	Format	Germany	Language	ENGLISH
Date of previous issue 1	0 November 2022.		(Germany)		

SECTION 5: Firefighting measures

0	5
5.3 Advice for firefighters	
Special precautions for fire-fighters	No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SECTION 6: Accident	al release measures
6.1 Personal precautions, prot	tective equipment and emergency procedures
For non-emergency personnel	Contact emergency personnel. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Floors may be slippery; use care to avoid falling. Provide adequate ventilation. Put on appropriate personal protective equipment.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
6.2 Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for o	containment and cleaning up
Small spill	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. If emergency personnel are unavailable, contain spilt material. Suction or scoop the spill into appropriate disposal or recycling vessels, then cover spill area with oil absorbent. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	See Section 1 for emergency contact information. See Section 5 for firefighting measures. See Section 8 for information on appropriate personal protective equipment. See Section 12 for environmental precautions. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Date of previous issue

Protective measures	Put on appropriate personal protective equipment. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Empty containers retain product residue and can be hazardous.						
Advice on general occupational hygiene	stored and processed. N protective equipment be	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.					
7.2 Conditions for safe storage, including any incompatibilities	from incompatible mater ready for use. Containe to prevent leakage. Stor	Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store and use only in equipment/containers designed for use with this product. Do not store in unlabelled containers.					
Not suitable	Prolonged exposure to ele	Prolonged exposure to elevated temperature					
Germany - Storage code	11						
7.3 Specific end use(s)							
Recommendations	See section 1.2 and Exp	osure scenarios in a	nnex, if applicab	le.			
Product name Molub-Alloy O	G 936 SF Heavy		Product code 4	68617-DE03	Page: 4/16		
Version 14.01 Date of issu	e 6 September 2023	Format	Germany	Language	ENGLISH		
Date of previous issue	10 November 2022.		(Germany)				

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits		
Product/ingredier	nt name	Exposure limit values
Petroleum resins		TRGS 900 OEL (Germany). Absorbed through skin. PEAK: 3 mg/m ³ 15 minutes. Issued/Revised: 11/2019 Form: Vapor and aerosol TWA: 1.5 mg/m ³ 8 hours. Issued/Revised: 11/2019 Form: Vapor and aerosol
Graphite		TRGS 900 OEL (Germany). [General dust limit (DE-OEL specific)] TWA: 1.25 mg/m ³ 8 hours. Issued/Revised: 2/2014 Form: Respirable fraction PEAK: 2.5 mg/m ³ 15 minutes. Issued/Revised: 2/2014 Form: Respirable fraction PEAK: 20 mg/m ³ 15 minutes. Issued/Revised: 2/2014 Form: Inhalable fraction TWA: 10 mg/m ³ 8 hours. Issued/Revised: 2/2014 Form: Inhalable fraction
		shown in this section, other components may be present in any mist, s may not be applicable to the product as a whole and are provided for
Recommended monitoring procedures	EN 689 (Workplace chemical agents for Standard EN 14042 for the assessment of (Workplace atmosph measurement of chemical statement)	e made to monitoring standards, such as the following: European Standard atmospheres - Guidance for the assessment of exposure by inhalation to comparison with limit values and measurement strategy) European (Workplace atmospheres - Guide for the application and use of procedures of exposure to chemical and biological agents) European Standard EN 482 heres - General requirements for the performance of procedures for the emical agents) Reference to national guidance documents for methods for hazardous substances will also be required.
Biological exposure indices		
Product/ingredient No exposure indices known.	name	Exposure indices
Derived No Effect Level No DNELs/DMELs available.		
Predicted No Effect Concentra	ition	
No PNECs available		
8.2 Exposure controls		
Appropriate engineering controls	concentrations below All activities involvin exposures are adeq after other forms of Personal protective kept in good condition Your supplier of person appropriate standard The final choice of p	ntilation or other engineering controls to keep the relevant airborne w their respective occupational exposure limits. g chemicals should be assessed for their risks to health, to ensure uately controlled. Personal protective equipment should only be considered control measures (e.g. engineering controls) have been suitably evaluated. equipment should conform to appropriate standards, be suitable for use, be on and properly maintained. sonal protective equipment should be consulted for advice on selection and ds. For further information contact your national organisation for standards. protective equipment will depend upon a risk assessment. It is important to a of personal protective equipment are compatible.
Individual protection measures	<u>s</u>	
Hygiene measures	smoking and using t should be used to re	ms and face thoroughly after handling chemical products, before eating, he lavatory and at the end of the working period. Appropriate techniques move potentially contaminated clothing. Wash contaminated clothing sure that eyewash stations and safety showers are close to the workstation
Respiratory protection		

Product name Molub-Alloy OG	G 936 SF Heavy		Product code	468617-DE03	Page: 5/16
Version 14.01 Date of issue	6 September 2023	Format	Germany	Language	ENGLISH
Date of previous issue	10 November 2022.		(Germany)		

SECTION 8: Exposure controls/personal protection

Version 14.01 Date of issue 6 September 2023

Date of previous issue

10 November 2022.

SECTION 8: Expos	ure controls/personal protection
	In case of insufficient ventilation, wear suitable respiratory equipment. For protection against metal working fluids, respiratory protection that is classified as "resistant to oil" (class R) or oil proof (class P) should be selected where appropriate. Depending on the level of airborne contaminants, an air-purifying, half-mask respirator (with HEPA filter) including disposable (P- or R-series) (for oil mists less than 50mg/m3), or any powered, air-purifying respirator equipped with hood or helmet and HEPA filter (for oil mists less than 125 mg/m3). Where organic vapours are a potential hazard during metalworking operations, a combination particulate and organic vapour filter may be necessary. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.
Eye/face protection Skin protection	Safety glasses with side shields.
Hand protection	General Information:
	Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Most gloves provide protection for only a limited time before they must be discarded and replaced (even the best chemically resistant gloves will break down after repeated chemical exposures).
	Gloves should be chosen in consultation with the supplier / manufacturer and taking account of a full assessment of the working conditions.
	Recommended: Nitrile gloves. Breakthrough time:
	Breakthrough time data are generated by glove manufacturers under laboratory test conditions and represent how long a glove can be expected to provide effective permeation resistance. It is important when following breakthrough time recommendations that actual workplace conditions are taken into account. Always consult with your glove supplier for up-to-date technical information on breakthrough times for the recommended glove type. Our recommendations on the selection of gloves are as follows:
	Continuous contact:
	Gloves with a minimum breakthrough time of 240 minutes, or >480 minutes if suitable gloves can be obtained. If suitable gloves are not available to offer that level of protection, gloves with shorter breakthrough times may be acceptable as long as appropriate glove maintenance and replacement regimes are determined and adhered to.
	Short-term / splash protection:
	Recommended breakthrough times as above. It is recognised that for short-term, transient exposures, gloves with shorter breakthrough times may commonly be used. Therefore, appropriate maintenance and replacement regimes must be determined and rigorously followed.
	Glove Thickness:
	For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.
	It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task.
	Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example:
	• Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of.
	• Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well
Product name Molub-Alloy	OG 936 SF Heavy Product code 468617-DE03 Page: 6/16
Manalan 44.04 Data - flag	Contember 2022

Format Germany

(Germany)

Language ENGLISH

SECTION 8: Exposure controls/personal protection

as a chemical) risk i.e. where there is abrasion or puncture potential.

Skin and body	Use of protective clothing is good industrial practice. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.
<u>Refer to standards:</u>	Respiratory protection: EN 529 Gloves: EN 420, EN 374 Eye protection: EN 166 Filtering half-mask: EN 149 Filtering half-mask with valve: EN 405 Half-mask: EN 140 plus filter Full-face mask: EN 136 plus filter Particulate filters: EN 143 Gas/combined filters: EN 14387
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Physical state	Grease							
Colour	Black. [Dark]							
Odour	Not available.							
Odour threshold	Not available.							
Melting point/freezing point	Not available.							
Initial boiling point and boiling range	Not available.							
Flammability	Not available.							
Lower and upper explosion limit	Not applicable.							
Flash point	Open cup: 208°C (4	406.4°F)	[Estimate	d. Based or	n Lubrica	ints - Bas	e Oils]	
Auto-ignition temperature	Not applicable.							
Decomposition temperature	Not available.							
рН	Not applicable.							
Kinematic viscosity	Not available.							
Solubility								
	Media	F	Result					
	water	No	ot soluble					
Deutities an effecteur anter 11	Net en elizable							
Partition coefficient n-octanol/ water (log value)	Not applicable.							
	Not applicable.							
water (log value)		Vapor	ur Pressu	ure at 20°C	Vapo	our press	sure at 50°C	
water (log value)		Vapor mm Hg	1	ure at 20°C Method	Vapo mm Hg	our press kPa	sure at 50°C	
water (log value)	Not available.		1	1	mm			
water (log value) Vapour pressure	Not available.	mm Hg	∣ kPa	1	mm			
water (log value) Vapour pressure Density and/or Relative density	Not available. Ingredient name >1000 kg/m³ (>1 g/	mm Hg	∣ kPa	1	mm			
water (log value) Vapour pressure	Not available.	mm Hg	∣ kPa	1	mm			
water (log value) Vapour pressure Density and/or Relative density Relative vapour density Particle characteristics	Not available. Ingredient name >1000 kg/m³ (>1 g/ Not applicable.	mm Hg	∣ kPa	1	mm			
water (log value) Vapour pressure Density and/or Relative density Relative vapour density Particle characteristics Median particle size	Not available. Ingredient name >1000 kg/m³ (>1 g/	mm Hg	∣ kPa	1	mm			
water (log value) Vapour pressure Density and/or Relative density Relative vapour density Particle characteristics Median particle size 9.2 Other information	Not available. Ingredient name >1000 kg/m³ (>1 g/ Not applicable. Not available.	mm Hg	∣ kPa	Method	mm Hg		Method	2 2 2 age: 7/10
water (log value) Vapour pressure Density and/or Relative density Relative vapour density Particle characteristics Median particle size	Not available. Ingredient name >1000 kg/m³ (>1 g/ Not applicable. Not available. SF Heavy	mm Hg	J kPa 0°C	Method	mm Hg t code 4	68617-DE	Method	

SECTION 9: Physical and chemical properties

Evaporation rate	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.
Penetration Number (0.1 mm)	345 to 360 at 25°C

SECTION 10: Stability and reactivity

,	5
10.1 Reactivity	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.
10.2 Chemical stability	The product is stable.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
10.4 Conditions to avoid	Avoid all possible sources of ignition (spark or flame).
10.5 Incompatible materials	Reactive or incompatible with the following materials: oxidising materials.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity estimates						
Product/ingro	edient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
(Z)-N-9-octadecenylpropar	ne-1,3-diamine	500	N/A	N/A	N/A	N/A
nformation on likely outes of exposure	Routes of entry antici	ipated: Derm	al, Inhalation	, Eyes.	·	
Potential acute health effec	: <u>ts</u>					
Inhalation	Exposure to decompo delayed following exp		cts may caus	e a health ha	zard. Seriou	s effects may
Ingestion	No known significant	effects or cri	tical hazards	•		
Skin contact	Defatting to the skin.	May cause s	skin dryness	and irritation.	May cause	an allergic sk
Eye contact	No known significant	effects or cri	tical hazards	•		
Symptoms related to the pl	nysical, chemical and to	xicological o	<u>haracteristi</u>	<u>cs</u>		
Inhalation	No specific data.					
Ingestion	No specific data.					
Skin contact	Adverse symptoms m irritation redness dryness cracking	nay include th	ne following:			
Eye contact	No specific data.					
Delayed and immediate effe	ects as well as chronic e	ffects from	<u>short and lo</u>	ng-term exp	<u>osure</u>	
Inhalation	Inhalation of oil mist of	or vapours at	elevated ten	nperatures m	ay cause res	piratory irritat
Ingestion	Ingestion of large qua	antities may o	cause nausea	a and diarrho	ea.	
Eye contact	Potential risk of trans	ient stinging	or redness if	accidental ey	e contact oc	curs.
Potential chronic health eff	ects					
General	No known significant	effects or cri	tical hazards			
Carcinogenicity	No known significant	effects or cri	tical hazards			
Mutagenicity	No known significant	effects or cri	tical hazards			
Developmental effects	No known significant	effects or cri	tical hazards			
Fertility effects	No known significant	offecte er eri	tiaal hazarda			

Product name Molub-Alloy O	G 936 SF Heavy		Product code 468617	-DE03	Page: 8/16
Version 14.01 Date of issue	e 6 September 2023	Format	Germany	Language	ENGLISH
Date of previous issue	10 November 2022.		(Germany)		

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

SECTION 11: Toxicological information

 11.2 Information on other hazards

 11.2.1 Endocrine disrupting properties

 Not available.

 Remarks - Endocrine
 Not available.

 disruptor - Health

 11.2.2 Other information

 Not available.

SECTION 12: Ecological information

12.1 Toxicity

Environmental hazards

Not classified as dangerous

12.2 Persistence and degradability

Not expected to be rapidly degradable.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	Not available.
Mobility	Grease. insoluble in water.

12.5 Results of PBT and vPvB assessment

Product does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

12.6 Endocrine disrupting properties	Not available.
Remarks - Endocrine disruptor - Environment	Not available.
12.7 Other adverse effects	No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal

Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations. Yes.

Hazardous waste Yes European waste catalogue (EWC)

Waste code	Waste designation
12 01 12*	spent waxes and fats

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

Packaging

Methods of disposal

Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.

Waste code	European waste catalogue (EWC)
15 01 10*	packaging containing residues of or contaminated by hazardous substances
Special precautions	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
References	Commission 2014/955/EU Directive 2008/98/EC

Product name Molub-Alloy O	G 936 SF Heavy		Product code	468617-DE03	Page: 9/16
Version 14.01 Date of issue	e 6 September 2023	Format	Germany	Language	ENGLISH
Date of previous issue	10 November 2022.		(Germany)		

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 Special precautions for Not available. user

14.7 Maritime transport in bulk according to IMO instruments

Date of previous issue

Not available.

10 November 2022

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation Annex XIV None of the components are listed. Substances of very high concern None of the components are listed. EU Regulation (EC) No. 1907/2006 (REACH) **Annex XVII - Restrictions** Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles **Other regulations REACH Status** The company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH. **United States inventory** All components are active or exempted. (TSCA 8b) Australia inventory (AIIC) All components are listed or exempted. **Canada inventory** At least one component is not listed in DSL but all such components are listed in NDSL. China inventory (IECSC) All components are listed or exempted. Japan inventory (CSCL) At least one component is not listed. Korea inventory (KECI) All components are listed or exempted. **Philippines inventory** At least one component is not listed. (PICCS) **Taiwan Chemical** Not determined Substances Inventory (TCSI) Ozone depleting substances (1005/2009/EU) Not listed. Prior Informed Consent (PIC) (649/2012/EU) Product name Molub-Alloy OG 936 SF Heavy Product code 468617-DE03 Page: 10/16 Language ENGLISH Version 14.01 Date of issue 6 September 2023 **Format Germany** (Germany)

SECTION 15: Regulatory information

Not listed.

Persistent Organic Pollutants

Not listed.

EU - Water framework directive - Priority substances

None of the components are listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

Hazardous incident ordinance	
Hazard class for water	1 (classified according AwSV)
Prohibited Chemicals Regulation (ChemVerbotsV)	When placed on the market in Germany, this product is not subject to the Prohibited Chemicals Regulation (ChemVerbotsV).
Occupational restrictions	Observe employment restrictions in the following: Gesetz zum Schutz der arbeitenden Jugend (Jugendarbeitsschutzgesetz – JArbSchG) Gesetz zum Schutz von Müttern bei der Arbeit, in der Ausbildung und im Studium (Mutterschutzgesetz – MuSchG)

15.2 Chemical safety	A Chemical Safety Assessment has been carried out for one or more of the substances within
assessment	this mixture. A Chemical Safety Assessment has not been carried out for the mixture itself.

SECTION 16: Other information

Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous (Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS = Chemical Abstracts Service CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2 CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association BC = Intermediate Bulk Container	ŗ				
ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS = Chemical Abstracts Service CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2 CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association	2008]				
BCF = Bioconcentration Factor CAS = Chemical Abstracts Service CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2 CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association	2008]				
CAS = Chemical Abstracts Service CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2 CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association	2008]				
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2 CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association	2008]				
CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association	2008]				
CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association					
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)				
IBC = Intermediate Bulk Container					
	OECD = Organisation for Economic Co-operation and Development				
,	PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration				
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulat	ation				
[Regulation (EC) No. 1907/2006] BID = The Regulations concerning the International Carriage of Dengerous Coade by F	Pail				
	RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN = REACH Registration Number SADT = Self-Accelerating Decomposition Temperature SVHC = Substances of Very High Concern STOT-RE = Specific Target Organ Toxicity - Repeated Exposure STOT-SE = Specific Target Organ Toxicity - Single Exposure				
•					
STOT-SE = Specific Target Organ Toxicity - Single Exposure					
TWA = Time weighted average					
UN = United Nations					
UVCB = Complex hydrocarbon substance					
VOC = Volatile Organic Compound	VOC = Volatile Organic Compound vPvB = Very Persistent and Very Bioaccumulative				
	Varies = may contain one or more of the following 64741-88-4 / RRN 01-2119488706-23, 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4/ RRN				
01-2119483621-38, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN					
01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / F	RRN				
Product name Molub-Alloy OG 936 SF Heavy Product code 468617-DE03 Page	je: 11/16				
Version 14.01 Date of issue 6 September 2023 Format Germany Language ENG					

10 November 2022.

Date of previous issue

(Germany)

SECTION 16: Other information

01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8, 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 / RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN 01-2119474889-13

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classif	ication	Justification
Skin Sens. 1, H317		Calculation method
Full text of abbreviated H statements	H302 H314 H317 H318 H372 H400 H410	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS]	H411 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Dam. 1 Skin Corr. 1B Skin Sens. 1B STOT RE 1	Toxic to aquatic life with long lasting effects. ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1B SKIN SENSITISATION - Category 1B SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
<u>History</u>		
Date of issue/ Date of revision	06/09/2023.	
Date of previous issue	10/11/2022.	
Prepared by	Product Stewardship	
Indicatos information that		velu incured version

✓ Indicates information that has changed from previously issued version.

Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.

Product name Molub-Alloy OG 936 SF Heavy			Product code	468617-DE03	Page: 12/16
Version 14.01 Date of issue	6 September 2023	Format	Germany	Language	ENGLISH
Date of previous issue	10 November 2022.		(Germany)		



Annex to the extended Safety Data Sheet (eSDS)

Industrial

Identification of the substa	ance or mixture
Product definition	Mixture
Code	468617-DE03
Product name	Molub-Alloy OG 936 SF Heavy
Section 1: Title	
Short title of the exposure scenario	Use of lubricants and greases in open systems - Industrial
List of use descriptors	Identified use name: Use of lubricants and greases in open systems-Industrial Process Category: PROC01, PROC02, PROC07, PROC08b, PROC09, PROC10, PROC13 Sector of end use: SU03 Subsequent service life relevant for that use: No. Environmental Release Category: ERC04 Specific Environmental Release Category: ATIEL-ATC SPERC 4.Ci.v1
Processes and activities covered by the exposure scenario	Covers use of lubricants and greases in open systems, including application of lubricant to work pieces or equipment by dipping, brushing or spraying (without exposure to heat), e.g. mould releases, corrosion protection, slideways. Includes associated product storage, material transfers, sampling and maintenance activities.

Section 2 Operational conditions and risk management measures

Section 2.1 Control of worker exposure	
Product characteristics:	
Physical state:	Liquid, vapour pressure < 0.5 kPa
Concentration of substance in product:	Covers use of substance/product up to 100 % (unless stated differently)
Frequency and duration of use:	Covers daily exposures up to 8 hours
Other conditions affecting workers exposure:	Assumes use at not more than 20°C above ambient temperature. Assumes a good basic standard of occupational hygiene is implemented
Contributing cooperies: Operational con	ditions and rick management measures

Contributing scenarios: Operational conditions and risk management measures

The following information provides minimum risk management measures for the contributing scenarios identified within this lubricant use group. However, more detailed information on control measures e.g. specific glove types may be documented in Section 8 of the main body of this safety data sheet.

Please review Section 8 in conjunction with the information on this Generic Exposure Scenario.

General measures applicable to all activities:

Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN 374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to report any skin problems that may develop. Other skin protection measures such as impervious suits and face shields may be required during high dispersion activities which are likely to lead to substantial aerosol release, e.g. spraying.

Material transfers Manual: Avoid carrying out activities involving exposure for more than 1 hour per day.

Material transfers Automated process with (semi) closed systems: Ensure material transfers are under containment or extract ventilation.

Roller, spreader, flow application: Provide extract ventilation to points where emissions occur.

Spraying:

Carry out in a vented booth or extracted enclosure.

Treatment by dipping and pouring: Provide a good standard of controlled ventilation (10 to 15 air changes per hour). Wear chemical-resistant gloves (tested to EN374) in combination with specific activity training.

Molub-Alloy OG 936 SF Heavy

Use of lubricants and greases in open systems -Industrial

Equipment cleaning and maintenance:

Drain down system prior to equipment break-in or maintenance. Provide a good standard of general ventilation (not less than 3 to 5 air changes per hour). Wear chemical-resistant gloves (tested to EN374) in combination with specific activity training. Retain drain-downs in sealed storage pending disposal or for subsequent recycle.

Storage: Store substance within a closed system.

Section 2.2: Control of environmental exposure No exposure scenario is presented because the product is not classified for the Environment

Section 3: Exposure estimation and reference to its source

Exposure estimation and reference to its source - Environment		
Exposure assessment (environment):	No exposure scenario is presented because the product is not classified for the Environment	
Exposure estimation and reference to its so	urce - Workers	

Section 4: Guidance to check compliance with the exposure scenario

Environment	Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Further details on scaling and control technologies are provided in SPERC factsheet. If scaling reveals a condition of unsafe use (i.e., RCRs > 1), additional RMMs or a site-specific chemical safety assessment is required. For further information see www.ATIEL.org/REACH_GES
Health	Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.



Annex to the extended Safety Data Sheet (eSDS)

Professional

Product definition	Mixture	
Code	468617-DE03	
Product name	Molub-Alloy OG 936 SF Heavy	
Section 1: Title		
Short title of the exposure scenario	Use of lubricants and greases in open systems - Professional	
List of use descriptors	Identified use name: Use of lubricants and greases in open systems-Professional Process Category: PROC01, PROC02, PROC08a, PROC10, PROC11, PROC13 Sector of end use: SU22 Subsequent service life relevant for that use: No. Environmental Release Category: ERC08a, ERC08d Specific Environmental Release Category: ATIEL-ATC SPERC 8.Cp.v1	
Processes and activities covered by the exposure scenario	Covers use of lubricants and greases in open systems, including application of lubricant to work pieces or equipment by dipping, brushing or spraying (without exposure to heat), e.g. mould releases, corrosion protection, slideways. Includes associated product storage, material transfers, sampling and maintenance activities.	

Identification of the substance or mixture

Section 2 Operational conditions and risk management measures

Section 2.1 Control of worker exposure	
Product characteristics:	
Physical state:	Liquid, vapour pressure < 0.5 kPa
Concentration of substance in product:	Covers use of substance/product up to 100 % (unless stated differently)
Frequency and duration of use:	Covers daily exposures up to 8 hours
Other conditions affecting workers exposure:	Assumes use at not more than 20°C above ambient temperature. Assumes a good basic standard of occupational hygiene is implemented

Contributing scenarios: Operational conditions and risk management measures

General measures applicable to all activities:

Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN 374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to report any skin problems that may develop. Use suitable eye protection. Avoid direct eye contact with product also via contamination on hands.

Material transfers Manual:

Avoid carrying out activities involving exposure for more than 1 hour per day.

Roller, spreader, flow application:

Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Avoid carrying out activities involving exposure for more than 4 hours per day. Wear chemical-resistant gloves (tested to EN374) in combination with specific activity training.

Spraying:

Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Avoid carrying out activities involving exposure for more than 1 hour per day. Wear a respirator conforming to EN140 with type A/P2 filter or better. Wear suitable coveralls to prevent exposure to the skin. Wear chemical-resistant gloves (tested to EN374) in combination with specific activity training.

Treatment by dipping and pouring:

Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan.

Equipment cleaning and maintenance:

Drain down system prior to equipment break-in or maintenance. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Avoid carrying out activities involving exposure for more than 4 hours per day. Retain drain-downs in sealed storage pending disposal or for subsequent

Molub-Alloy OG 936 SF Heavy

Use of lubricants and greases in open systems -Professional

15/16

recycle.

Section 2.2: Control of environmental exposure No exposure scenario is presented because the product is not classified for the Environment

Section 3: Exposure estimation and reference to its source

Exposure estimation and reference to its source - Environment			
Exposure assessment (environment):	No exposure scenario is presented because the product is not classified for the Environment		
Exposure estimation and reference to its so	urce - Workers		

Section 4: Guidance to check compliance with the exposure scenario

Environment	Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Further details on scaling and control technologies are provided in SPERC factsheet. If scaling reveals a condition of unsafe use (i.e., RCRs > 1), additional RMMs or a site-specific chemical safety assessment is required. For further information see www.ATIEL.org/REACH_GES
Health	Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.