

1. Identification of the substance/preparation and company/undertaking

Product name	Molub-Alloy 2115-2
SDS no.	454363
Historic SDS no.	DE-6539, AT-454363, BE-454363, CZ-66539, EE-6539, ES-454363, GR-454363, IT-T243, LT-6539, NL-454363, PL-6539, RU-6539, SI-6539, TR-454363, UK-4373
Use of the substance/preparation	Lubricant. For specific application advice see appropriate Technical Data Sheet or consult our company representative.
Supplier	Nordic Lubricants A/S BP Division Valguma 5 , LV-1048 Riga, Latvia
EMERGENCY TELEPHONE NUMBER	Carechem: +44 (0) 208 762 8322
E-mail address	MSDSadvice@bp.com

2. Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.
See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

3. Composition/information on ingredients

Synthetic lubricant

This product does not contain any hazardous ingredients at or above regulated thresholds.

4. First-aid measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
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. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire-fighting measures

Extinguishing media	
Suitable	In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray.
Not suitable	Do not use water jet.
Hazardous decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds
Unusual fire/explosion hazards	This material is not explosive as defined by established regulatory criteria.
Special fire-fighting procedures	None identified.
Protection of fire-fighters	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

Personal precautions	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 spilled material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
Environmental precautions	Avoid dispersal of spilled 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).

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Large spill

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Small spill

Stop leak if without risk. 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.

7 . Handling and storage

Handling

Wash thoroughly after handling. Avoid strong oxidisers.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 . Exposure controls/personal protection

Occupational exposure limits

This product does not have any assigned OELs.

Exposure controls

Occupational exposure controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Personal protective equipment

Respiratory protection

None required. However, use of adequate ventilation is good industrial practice.

Hand protection

Wear protective gloves if prolonged or repeated contact is likely. Chemical-resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

Eye protection

Safety glasses with side shields.

Skin and body

Wear appropriate clothing to avoid prolonged skin contact.

9 . Physical and chemical properties

General information

Appearance

Physical state

Paste

Colour

White.

Odour

Odourless.

Important health, safety and environmental information

Vapour pressure

<0.01 kPa (<0.075 mm Hg) at 20°C

Pour point

-25 °C

Density

>1000 kg/m³ (>1 g/cm³) at 20°C

Solubility

Soluble in water.

10 . Stability and reactivity

Stability

The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.

Conditions to avoid

High temperatures

Materials to avoid

Slightly reactive or incompatible with the following materials: acids and alkalis.

Hazardous decomposition products

Combustion products may include the following:
carbon oxides
halogenated compounds

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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11 . Toxicological information

Chronic toxicity

Chronic effects No known significant effects or critical hazards.

Effects and symptoms

Eyes May cause mild eye irritation.

Skin Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Inhalation Vapours and aerosol can produce mucous membrane, nose, and throat irritation.

Ingestion Ingestion may cause gastrointestinal irritation and diarrhoea.

12 . Ecological information

Persistence/degradability Not readily biodegradable.

Mobility Non-volatile. Paste. insoluble in water.

Environmental hazards Not classified as dangerous.

13 . Disposal considerations

Disposal considerations / Waste information The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Unused product

European waste catalogue (EWC) 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

European waste catalogue (EWC) 01 10* packaging containing residues of or contaminated by dangerous substances

14 . Transport information

Not classified as hazardous for transport (ADR/RID, ADNR, IMDG, ICAO/IATA)

15 . Regulatory information

Classification and labelling have been performed according to EU directives 1999/45/EC and 67/548/EEC as amended and adapted.

Label requirements

Risk phrases This product is not classified according to EU legislation.

Other regulations

Inventories

- Europe inventory:** All components are listed or exempted.
- United States inventory (TSCA 8b):** All components are listed or exempted.
- Australia inventory (AICS):** All components are listed or exempted.
- Canada inventory:** All components are listed or exempted.
- China inventory (IECSC):** All components are listed or exempted.
- Japan inventory (ENCS):** All components are listed or exempted.
- Korea inventory (KECI):** All components are listed or exempted.
- Philippines inventory (PICCS):** All components are listed or exempted.

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16 . Other information

History

Date of issue 23/01/2008.
Date of previous issue 15/11/2005.
Prepared by Product Stewardship Group

Notice to reader

☑ Indicates information that has changed from previously issued version.

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 us.

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.