SAMVOL

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) V1.4 I 10/09/2024

SECTION 1: ARTICLE, PREPARATION, COMPANY

INFORMATION ON THE PRODUCT

Trade name:	SAMVOL
Use of the substance/mixture:	Lubricant
Uses that are not recommended:	Currently no uses advised against have been identified.
Company:	Innograv GmbH Leinenkamp 9 DE- 27299 Langwedel, Germany
Telephone:	+49 (0) 4232 9458-0
Emergency number:	
e-mail:	info@innograv.com
Internet:	www.innograv.com
Providing information:	

SECTION 2: POTENTIAL HAZARDS

Hazard designation:	Not applicable
Information concerning particular hazards for human and environment:	The product is not subject to labelling according to the calculation procedure of the "General Classification guideline for preparations of the EC" in the latest valid version.
Classification system:	The product is not subject to labelling according to the calculation procedure of the "General EC Classification Guidelines for Preparations" in the latest valid version.
II Other hazards:	This substance/mixture contains no components in concentrations of 0.1% or more. higher, which are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent (SVHC). and very bioaccumulative (vPvB). Environmental information: The substance/mixture does not contain components with endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more. Toxicological information: The substance/mixture does not contain components with endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation:	Formulated from an aqueous polyalkylene glycol solution. Free of sulphur, chlorine, zinc, heavy metal etc. Contains max. 0.1% benzotriazole (CAS no. 95-14-7).

SECTION 4: FIRST AID MEASURES

General remarks:	No special measures required.
After inhalation:	Supply fresh air, consult a doctor in case of complaints.
After contact with the skin:	Wash with plenty of soap and water. If skin irritation persists, consult a doctor.
After contact with the eyes:	Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist.
After ingestion by swallowing:	Rinse out mouth and drink plenty of water. Consult a doctor if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing agents:	Product itself does not burn.
Unsuitable extinguishing agents for safety reasons:	Not applicable
Special hazards due to the substances, their combustion products or resulting gases:	Carbon oxides (COx)
Further information:	Fire residues and contaminated water must be disposed of in a safe manner.

SECTION 6: MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

Personalised:	Avoid contact with eyes and skin. Avoid inhalation of mists and vapours.
Precautionary measures:	Draw attention to the risk of slipping if the material is released.
Environmental protection measures:	Do not allow to enter waterways, waste water or soil.
Process for cleaning / absorption:	Absorb with liquid-binding material, e.g. diatomaceous earth, and dispose of properly.
Additional information:	For information on personal protective equipment, see chapter 8.

SECTION 7: HANDLING AND STORAGE

HANDLING

Instructions for safe handling:	The usual precautionary measures for handling chemicals must be observed. Spilled substance causes danger of slipping.
Environmental protection measures:	The usual precautionary measures for handling chemicals must be observed. Spilled substance causes danger of slipping.

Notes on fire and explosion protection:	No special measures required.
Storage:	Protect from frost.
Requirements for storage rooms and containers:	Observe water regulations. Protect from frost.
Further information on storage conditions:	Store in a cool, dry place in a tightly closed container. Use opened containers within 24 months.
Storage class (LGK):	Classification according to the German Ordinance on Industrial Safety and Health (BetrSichV)

SECTION 8: LIMITATION AND CONTROL OF EXPOSURE/PERSONAL PROTECTIVE EQUIPMENT

Additional information on the design of technical systems:	No further details, see point 7.
Additional information:	The lists valid at the time of creation served as the basis.

PERSONAL PROTECTIVE EQUIPMENT

General protection and hygiene measures:	The usual precautionary measures for handling chemicals must be observed.
Respiratory protection:	No special measures required if the OEL(s) and/or other occupational exposure limit values are permanently and safely complied with.
Hand protection:	If contact with the fluid directly with the hands is unavoidable, there is no risk to health.
Eye protection:	Safety goggles are recommended when decanting.
Body protection:	Protective work clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Mould:	liquid
Colour:	colourless
Odour:	Weak
Evaporation rate:	negligible
Solubility in water:	unlimited miscibility at 20°C
Solubility:	in strongly polar solvents
Boiling range:	approx. 100°C
Flash point:	non-flammable
Vapour pressure:	23 hPA at 20°C
Density:	approx. 1g/cm^3 at 20°C
pH value:	7-9
II Viscosity:	(kinematic)1.22mm^2 /s (20°C) I 0.79mm^2 /s (40°C)

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid:	No hazardous reactions known if stored and handled properly.
Substances to avoid:	Strong oxidising agents. Reducing agents.
Hazardous reactions:	No dangerous reactions known.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide. Nitrogen oxides /NOx.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:	
Primary irritant effect:	
On the skin:	No irritant effect
On the eye:	Mildly irritating.
On the airways:	Inhalation of vapours at high temperatures can cause respiratory irritation.
Sensitisation:	No sensitising effect known.
Additional toxicological information:	The product is not subject to labelling according to the calculation procedure of the General Classification Guidelines for Preparations of the EC in the latest valid version. According to our experience and the information available to us, the product does not cause any adverse health effects when handled properly and used as intended.
II Other hazards:	Endocrine disrupting properties. Assessment: The substance/mixture does not contain components with endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 12: ENVIRONMENTAL INFORMATION

Mobility:	Easily absorbed into the soil.
Persistence and degradability:	Completely biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Low ecotoxicity.
WGK (DE):	Water hazard class: 1; slightly hazardous to water; WGK (DE)

SECTION 13: NOTES ON DISPOSAL

WASTE TREATMENT PROCESS

Recommendation:	Disposal in accordance with local, official regulations.

Waste code number:	The waste code number must be assigned by the waste producer on an industry and process-specific basis in accordance with the Waste Catalogue Ordinance.
European Waste Catalogue:	The assignment of waste code numbers in accordance with the SAB must be carried out on a sector and process-specific basis.

UNCLEANED PACKAGING

Recommendation:	Disposal in accordance with official regulations.
Recommended cleaning agent:	Water

SECTION 14: TRANSPORT REGULATIONS

ADR / RID

UN No:	Not applicable
Hazard label:	Not applicable

IMDG / IMO

UN No:	Not applicable
Hazard label:	Not applicable

IATA / ICAO

UN No:	Not applicable
Hazard label:	Not applicable

Transport/further information: No dangerous goods according to the above regulations.

SECTION 15: Information on legal provisions

Labelling according to EC directives:	The usual precautionary measures for handling chemicals must be observed. The product is not subject to labelling according to EC directives / Ordinance on Hazardous Substances.

National regulations:

Classification according to the German Ordinance on Industrial Safety - and Health (BetrSichV):

SECTION 16: OTHER INFORMATION

The information in this safety data sheet is based on our knowledge at the time of revision and serves to describe our products with regard to the safety precautions to be taken. It does not constitute a guarantee of the properties of the product described or product information or product specifications and does not establish a contractual legal relationship. The information in the safety data sheet is not transferable to other products. If the product mentioned in this safety data sheet is mixed, blended or processed with other materials or undergoes processing, the information in this safety data sheet cannot be transferred to the new material, unless expressly stated otherwise. This safety data sheet only contains safety-relevant information and does not replace any product information or product specification

II section has been revised.

This data sheet has been machine translated from German. Country-specific requirements may vary.