

Article no.: 024-000-00753 Hydro Care
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1. Identification of the substance/preparation and of the company/undertaking

Article no. (manufacturer / supplier): 024-000-00753

Identification of the substance or preparation: Hydro Care

Use of the substance / preparation:

Maintenance agent

Supplier (manufacturer/importer/downstream user/distributor):

Friedrich Klumpp GmbH

Dornbirner Str.23

D-70469 Stuttgart

Telephone: +49 711 98184-00

Telefax: +49 711 850328

Dept. responsible for information:

Labor

Emergency telephone:

E-mail: sdb@klumpp-coatings.com

+49 761 19240

2. Hazards identification

The preparation is not dangerous in the sense of Directive 1999/45/EC.

Critical hazard to man and environment:

3. Composition/information on ingredients

chemical characterization (preparation)

description: Wachsdispersion

Dangerous ingredients:

EC-no.:	Identification of the hazard:	danger symbol(s):	% by weight
CAS-No.:	R phrases:	Remark:	
INDEX no.:	REACH-no.:		
127036-24-2	Fatty alcohol polyglycol ether 22-41	Xn	1 - 2,5
68920-66-1	Fettalkoholethoxylat 22-38-41	Xn	1 - 2,5

Additional information

* Substance with a common (EC) occupational exposure limit value.

Full text of R-phrases: see section 16.

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

Moschus Keton

Linalool

< 5 % nichtionische Tenside

4. First aid measures

General information:

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.

Following inhalation:

Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.

After skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

Following eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.

after ingestion:

If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Do not induce vomiting.

5. Fire fighting measures

Suitable extinguishing media:

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alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

High power water jet

Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

Special protective equipment for fire-fighters:

Provide a conveniently located respiratory protective device.

Additional information:

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures

Personal precautions

Ventilate affected area. Do not inhale vapours. See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

methods for cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

7. Handling and storage

Handling

Information for safe handling:

Avoid contact with skin, eye and clothing. Avoid breathing swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Storage

Requirements for storerooms and containers:

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Information about storage in one common storage facility:

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information concerning storage conditions:

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15° and 30°C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

8. Exposure controls / Personal protection equipment

Technical measures to prevent exposure

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Components with workplace or biological limit values to be monitored:

EC-no.:	description:	type:	Value	unit
CAS-No.:			STEL (EC) TWA (EC)	
-				

Additional information

Stated values are taken from the then applicable German TRGS 900 oder the German VCI table for exposure limit values.

TWA (EC): Occupational exposure limit value

STEL (EC): Short term occupational exposure limit value

Occupational exposure controls:

Respiratory protection:

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Only use breathing apparatus with CE-label including the four-digit identification number.

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Hand protection:

For prolonged or repeated handling the following glove material must be used: Nitrilkautschuk Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.

Recommended protective gloves brand: DIN EN 374 Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection:

Wear closely fitting protective glasses in case of splashes.

Skin protection:

Wear antistatic clothing of natural fibers (.I.e. cotton) or heat resistant synthetic fibers.

Preventive measures:

After contact clean skin thoroughly with water and soap oder use appropriate cleanser.

9. Physical and chemical properties

Appearance:

State of matter: liquid
Paint: as labeled
Odour: characteristic

Safety relevant basis data	unit	Method	Remark:
Flash point (°C):	°C		
Ignition temperature (AIT):			
lower explosion limit:	Vol-%		
Upper explosion level:	Vol-%		
Vapour pressure (at temperature in °C): 20	18,39 mbar		
density (at temperature in °C): 20	1,00 g/cm³		
Solubility in water (g/l):			
pH (at temperature in °C):	-		
Viscosity: 20	11 s 4 mm	DIN 53211	
Solvent separation test (%):	< 3 %		
Solid content (%):	20 % by weight		
solvent content:			
organic solvents:	0 % by weight		
Water:	80 % by weight		

10. Stability and reactivity

Conditions to avoid:

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

Hazardous decomposition products:

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

11. Toxicological information

Practical experience

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Summarized evaluation of the CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

12. Ecological information

Type judging:

There is no information available on the preparation itself .
Do not empty into drains or the aquatic environment.

Results of PBT assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

13. Disposal considerations

Appropriate disposal/Product:

Recommendation:

Do not empty into drains or the aquatic environment. This material and its container must be disposed of in a safe way. Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Control report for waste code/ waste marking according to EAKV:

080112 waste paint and varnish other than those mentioned in 080111

Contaminated packaging:

Recommendation:

Cleaned containers may be recycled. Vessels not properly emptied are special waste.

14. Transport information

This preparation is not classified as dangerous under the international transportation regulations (ADR/RID, IMDG, ICAO/IATA).

15. Regulatory information

EU-Regulations

Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

Labelling (67/548/EEC or 1999/45/EC)

The preparation is not dangerous in the sense of Directive 1999/45/EC.

R phrases:

S phrases:

Special labelling of particular preparations:

Other regulations (EU):

Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)

VOC-value (in g/l) ISO 11890-2: 0

VOC-value (in g/l) ASTM D 2369: 0

National regulations

Informations on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe employment restrictions under the law for the protection of young people at work (94/33/EC).

Substance/Preparation is listed in the following national inventories:

Listed in TOXIC SUBSTANCES CONTROL ACT (TSCA)

16. Additional information

Wording of the r-phrases under paragraph 3:

22 Harmful if swallowed.
41 Risk of serious damage to eyes.
38 Irritating to skin.

Further remarks:

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded

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as guaranteed attributes of the product.

Annex

At present, data / information on exposure scenarios are not available, so that an evaluation of the preparation cannot yet be made.