Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

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

1.1 Product identifier
Trade name: CLASSIC HAMDIR UM 46 HVLP

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance / the mixture Hydraulic fluid

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
CLASSIC Schmierstoff GmbH & Co. KG
Lange Straße 100-106
D-27318 HOYA
DEUTSCHLAND
Telephone: +49 (4251) - 8120
products@classic-oil.de

Further information obtainable from: product management

1.4 Emergency telephone number: 24-hour emergency contact number : +1 872 5888271 (CSG)

*
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified, according to the CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void
Additional information:
Safety data sheet available on request.

2.3 Other hazards For information or further instructions, see also section 11 or 12.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

*
SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-56-9 EINECS: 265-159-2 Reg.nr.: 01-2119480132-48	Distillates (petroleum), solvent-dewaxed light paraffinic Asp. Tox. 1, H304	12-<15%
CAS: 64742-55-8 EINECS: 265-158-7 Reg.nr.: 01-2119487077-29	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	1-<3%

SVHC
This product contains no substances of very high concern (SVHC) (>0,1%) which are included in the Candidate List according to Article 59 of REACH.
Additional information:
Note L : The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 (“Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method” Institute of Petroleum, London).

(Contd. on page 2)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 1)

For the wording of the listed hazard phrases refer to section 16.

*
SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
In case of accident or unwellness, seek medical advice immediately.
If possible, show operating instructions or safety data sheet.
After inhalation:
In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.
After skin contact:
After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.
After eye contact:
Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:
Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect).
Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.
4.2 Most important symptoms and effects, both acute and delayed
If swallowed or vomited, danger of entering the lungs.
4.3 Indication of any immediate medical attention and special treatment needed
Symptomatic treatment.

*
SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Sand. Foam. Carbon dioxide (CO2).Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.
For safety reasons unsuitable extinguishing agents: Water with full jet
5.2 Special hazards arising from the substance or mixture
When burning strong soot development
In the event of fire, the following can be produced: Carbon monoxide (CO). Carbon dioxide (CO2) Sulphur dioxide (SO2) Nitrogen oxides (NOx)
5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.
Protective equipment: No special measures required.
Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Co-ordinate fire-fighting measures to the fire surroundings.

*
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
For non-emergency personnel Personal protective equipment
For emergency responders No special precautions are necessary.

(Contd. on page 3)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 2)

6.2 Environmental precautions:
Prevent from spreading (e.g. by damming-in or oil barriers).
Do not allow to penetrate the ground/soil.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:
For containment
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
For cleaning up
Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

*
SECTION 7: Handling and storage

7.1 Precautions for safe handling
Wear suitable protective clothing.
Avoid formation of oil dust.
Information about fire - and explosion protection:
Usual measures of preventive fire protection
Keep ignition sources away - Do not smoke.
Fire class B

Handling:
Information on general hygiene measures at the workplace:
Ensure thorough skin cleansing and skin care after work.
Do not carry product-soaked cleaning rags in trouser pockets.
Do not breathe vapour/aerosol. Avoid contact with eyes and skin.
Advices on general occupational hygiene: See section 8.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Keep container tightly closed in a dry, cool and well-ventilated place.
Use only receptacles specifically permitted for this substance/product.
Information about storage in one common storage facility:
Do not store together with: Gas. Explosives. Oxidizing substances. Radioactive substances. Infectious substances.
Further information about storage conditions:
Temperature control required. Protect from light. Keep container tightly closed. Do not allow contact with air.
Storage class: 10

7.3 Specific end use(s) See section 1.

*
SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
CAS: 64742-56-9 Distillates (petroleum), solvent-dewaxed light paraffinic		
Oral	DNEL(long/systemic)	0.74 mg/kg bw/d (Consumer)
Dermal	DNEL(long/systemic)	0.97 mg/kg bw/d (worker)

(Contd. on page 4)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 3)

Inhalative	DNEL(long/systemic)	2.73 mg/m3 (worker)
	DNEL(long/local)	5.58 mg/m3 (worker)
		1.19 mg/m3 (Consumer)
CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic		
Oral	DNEL Long-term Oral (Systemic)	0.74 mg/kg bw/Tag (Consumer)
Dermal	DNEL, long-term, dermal, systemic	0.97 mg/kg KG/d (worker)
Inhalative	DNEL, long-term, inhalation, systemic	2.73 mg/m³ (worker)
	long-term, inhalative, local	5.58 mg/m³ (worker)
		1.19 mg/m³ (Consumer)

PNECs	
CAS: 64742-56-9 Distillates (petroleum), solvent-dewaxed light paraffinic	
PNEC Secondary poisoning	9.33 mg/kg
CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic	
Secondary poisoning	9.33 mg/kg

Additional information:
Additional information on limit values
Airborne limit values:
Possibility of exposure to aerosol (mineral oil).
Limit value (TLV-TWA) = 5 mg/m3 - Source: ACGIH
TLV-STEL = 10 mg/m3 - Source: ACGIH
STEL: short-term exposure limits
TLV: Threshold Limiting Value
TWA: time weighted average
ACGIH:American Conference of Governmental Industrial Hygienists
The safety data sheet of the pre-supplier served as the basis for the creation.

8.2 Exposure controls
Appropriate engineering controls Ensure good ventilation of the work station.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures: Wash hands before breaks and at the end of work.
Respiratory protection:
With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:
-aerosol or mist formation
-Exceeding exposure limit values
Suitable respiratory protection apparatus: Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.
The respiratory protection filter class must be adapted to the maximum pollutant concentration (gas/vapour/aerosol/particles) that can arise when handling the product. If the concentration is exceeded, insulating equipment must be used!
Hand protection
The design of chemical protective gloves must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances.
It is recommended to check the chemical resistance of the above mentioned protective gloves for specific applications with the glove manufacturer.
Gloves must be checked regularly and replaced in case of wear, holes or contamination.
If gloves are to be reused, clean them before taking them off and store them in a well-ventilated place.
Material of gloves
Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 347/EN 388.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face protection
Safety goggles with side shield, in case of increased splash hazard additional face shield. DIN EN 166

(Contd. on page 5)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 4)

Body protection:
Heavy flammable, oil-repellent protective clothing
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).
Thermal hazards
Wear protective clothing when working with hot material: heat-resistant overalls (with trouser legs over the boots and sleeves over the glove cuffs), heat-resistant, high-performance, non-slip boots (e.g. leather).
Environmental exposure controls There are no data available.

*

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Liquid
Colour:	Clear
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	232 °C (COC)
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	45.58 mm²/s (DIN EN ISO 3104)
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 15 °C:	0.8701 g/cm³ (DIN 51757)
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Does not apply to liquids.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Drip point:	
Pour point	-39 °C (ISO 3016)
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void

(Contd. on page 6)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 5)

Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

*
SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Information on the shelf life
The product is chemically stable under the recommended storage, use and temperature conditions.
10.3 Possibility of hazardous reactions
No dangerous reactions known.
Refer to chapter 10.5.
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: Materials to avoid: Strong oxidizing agents
10.6 Hazardous decomposition products: No dangerous decomposition products known.

*
SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
CAS: 64742-56-9 Distillates (petroleum), solvent-dewaxed light paraffinic		
Oral	LD50 oral	>5,000 mg/kg (Rat) (ECHA Dossier)
Dermal	LD50 dermal	>5,000 mg/kg (rabbit) (ECHA Dossier)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>5.53 mg/l /Aerosol (Rat) (ECHA Dossier)
CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic		
Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>2,000 mg/kg (rabbit)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	> 5.53 mg/l (Rat)

Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity
Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil - unspecified:
In vitro mutagenicity/genotoxicity:
Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test), OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test), OECD Guideline 471 (Bacterial Reverse Mutation Assay);Result:

(Contd. on page 7)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

(Contd. of page 6)

negative. Literature reference: ECHA Dossier; Chronic dermal toxicity: Exposure duration: ~546 d; Species: mouse; Method: OECD Guideline 451; Result: carcinogenicity = negative. Literature reference: ECHA dossier; Reproductive toxicity: Route of exposure: oral. Method: OECD Guideline 421; Result: NOAEL >1000 mg/kg; Reference: ECHA Dossier; Developmental toxicity / teratogenicity: Exposure route: dermal. Species: rat; Method: OECD Guideline 414; Result: NOAEL >2000 mg/kg; Bibliography: ECHA Dossier
Distillates (petroleum), hydrotreated light paraffinic; Base oil - unspecified:
In vitro mutagenicity/genotoxicity:
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) with modifications.
Result: negative / positive.
Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Result: negative.
Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Result: negative / positive.
Literature reference: ECHA dossier
In vivo mutagenicity/genotoxicity
Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Result: negative ; Reference: ECHA dossier
Reproductive toxicity
Method: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)
Exposure duration: 28d; Species: Rat
Result: NOAEL = > 2000 mg/kg(bw)/day; Reference: ECHA Dossier
Developmental toxicity /Teratogenicity:
Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study).
Exposure duration: 28d; Species: Rat
Result: NOAEL = > 2000 mg/kg(bw)/day; Reference: ECHA Dossier
Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure
Based on available data, the classification criteria are not met.

Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic:
Subchronic oral toxicity:
Exposure time: 90d
Species: Sprague-Dawley Rat.
Method: OECD Guideline 408
Result: LOAEL = 125 mg/kg
Literature information: ECHA Dossier

Subacute inhalative toxicity :
Exposure time: 28d
Species: Sprague-Dawley Rat.
Result: NOAEC > 980 mg/m3
Literature information: ECHA Dossier

Subacute dermal toxicity :
Exposure time: 28d
Species: Rabbit
Method: OECD Guideline 410
Result: NOAEL 1000 mg/kg
Literature information: ECHA Dossier
Distillates (petroleum), hydrotreated light paraffinic; Base oil - unspecified:
Subacute inhalation toxicity : Method:
Exposure duration: 28d; Species: rat; Result: NOAEL > 980 mg/m3; Literature reference: J Appl Toxicol, Vol 11(4), pp 297-302;
Subacute dermal toxicity: Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study);
Exposure duration: 28d; Species: rabbit; Result: NOAEL 1000 mg/kg(bw)/day; Reference: ECHA Dossier;
Subchronic oral toxicity: Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents);
Species: Rat; Result: NOAEL = 125 mg/kg;
Literature reference: ECHA Dossier

(Contd. on page 8)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 7)

Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.

Additional toxicological information:		
Oral	ATE	>2,000 mg/kg (Calculated)
Dermal	ATE	>2,000 mg/kg (Calculated)
Inhalative	ATE Dust/Mist	>5 mg/L (Calculated)
	ATE Vapour	>20 mg/L (Calculated)

11.2 Information on other hazards
Endocrine disrupting properties
This product does not contain any substance (> 0.1%) with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.
Other information Frequent contact may cause skin and eye irritation, especially after drying.

*
SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
Based on available data, the classification criteria are not met.

CAS: 64742-56-9 Distillates (petroleum), solvent-dewaxed light paraffinic	
ErC50	>100 mg/l /(72h) (Pseudokirchnerella subcapitata)
NOEC	10 mg/l /(21d) (Daphnia magna)
EC50	>10,000 mg/L /(48h) (Daphnia magna)
LC50	>100 mg/L /(96h) (Pimephales promelas)
CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic	
NOEC	>100 mg/l /3 d (algae)
	>10 mg/l /(21d) (Daphnia magna) ((OECD Guideline 211))
EC50	>10,000 mg/L /(48h) (Daphnia magna) (OECD 202)
LC50	>100 mg/L /(96h) (Pimephales promelas) (OECD 203)

12.2 Persistence and degradability
The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

CAS: 64742-56-9 Distillates (petroleum), solvent-dewaxed light paraffinic	
Persistence and degradability	2–4 % /(28d) (OECD 301B / ISO 9439 / EWG 92/69 Anhang V,C.4-C) Not easily bio-degradable (according to OECD-criteria).
CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic	
Persistence and degradability	31 % /(28d) (OECD method 301F)

12.3 Bioaccumulative potential
No indication of bioaccumulation potential.

CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic	
Partition coefficient n-octanol/water	>3.5 (Log Pow)

12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
The above statement applies to the substances contained in the product from 0.1 %.
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties
This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.
The above statement applies to the substances contained in the product from 0.1 %.

(Contd. on page 9)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 8)

12.7 Other adverse effects
Additional ecological information: Ozone depletion potential (ODP): No information available.
General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

*
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Dispose of in accordance with official regulations. Contact the responsible authorised waste disposal company for waste disposal. Non-contaminated and completely empty packaging can be recycled. The allocation of waste code numbers/waste designations must be carried out in accordance with EAKV on an industry and process-specific basis.

European waste catalogue	
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:
Recommendation: Handle contaminated packages in the same way as the substance itself.

*
SECTION 14: Transport information

14.1 UN number or ID number **ADR, IMDG, IATA**	not regulated
14.2 UN proper shipping name **ADR, IMDG, IATA**	not regulated
14.3 Transport hazard class(es) **ADR, ADN, IMDG, IATA** **Class**	not regulated
14.4 Packing group **ADR, IMDG, IATA**	not regulated
14.5 Environmental hazards:	ENVIRONMENTALLY HAZARDOUS: no
14.6 Special precautions for user	For information on safe handling, see chapter 7. For information on personal protective equipment, see chapter 8.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
UN "Model Regulation":	not regulated

*
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category Not subject to 2012/18/EU (SEVESO III)

(Contd. on page 10)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 9)

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 75

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.

National regulations:

Technical instructions (air):
Class Share in %
Germany:
Technical Instructions on Air Quality I:
5.2.5: Organic substances, to be indicated as total carbon
at m ≥ 0.50 kg/h: conc. 50 mg/m³
Proportion:>99 %

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations
The national legal regulations must also be observed!
Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: not relevant
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H304 May be fatal if swallowed and enters airways.
Classification according to Regulation (EC) No 1272/2008
Health hazards: Calculation method.
Environmental hazards: Calculation method.
Physical hazards: Based on test data

Department issuing SDS: product management
Contact: product management
Date of previous version: 08.07.2024
Version number of previous version: 5.00
Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

(Contd. on page 11)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2025 Version number 6.00 (replaces version 5.00) Revision: 23.05.2025

Trade name: CLASSIC HAMDIR UM 46 HVLP

(Contd. of page 10)

LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Asp. Tox. 1: Aspiration hazard – Category 1
*** Data compared to the previous version altered.**