

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)

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

1.1 Product identifier

InterLube (Standard Cartridge)

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

Relevant identified uses of the substance or mixture:

Lubricating grease

Uses advised against:

No information is currently available.

1.3 Details of the supplier of the safety data sheet

Ⓧ

Linser Industrie Service
GmbH Camp-Spich-Str. 70
DE-53842 Troisdorf
Tel.: 02241 2656700
E-mail :info@linser.eu
Web: www.linser.eu

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de - please do NOT use this address to request safety data sheets.

1.4 Emergency number

Emergency information services / public advice centre:

—

Emergency number of the company:

02241-26 56 700 (Mon - Thu 8.00 - 16.30, Fri 8.00 - 15.30)

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

The mixture is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2 Labelling elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Not applicable

2.3 Other dangers

The mixture does not contain a vPvB substance (vPvB = very persistent, very bioaccumulative) or does not fall under Annex XIII of Regulation (EC) 1907/2006 (< 0.1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or does not fall under Annex XIII of Regulation (EC) 1907/2006 (< 0.1 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0.1 %).

SECTION 3: Composition/information on ingredients

3.1 Fabrics

n.a.

3.2 Mixtures

—	
Registration No. (REACH)	—
Index	—
EINECS, ELINCS, NLP, REACH-IT List-No.	—
CAS	—
% range	
Classification according to Regulation (EC) No 1272/2008 (CLP), M-Factors	—

SECTION 4: First aid measures**4.1 Description of first aid measures**

First aiders should pay attention to self-protection!

Never give anything by mouth to an unconscious person!

Inhale

Remove person from danger zone.

Supply person with fresh air and consult a doctor depending on symptoms.

Skin contact

Wash thoroughly with plenty of soap and water, remove contaminated, soaked clothing immediately, consult a doctor if skin irritation (redness etc.) occurs.

Eye contact

Remove contact lenses.

Rinse thoroughly with plenty of water for several minutes, consult a doctor if necessary.

Ingestion

Rinse mouth thoroughly with water.

Give plenty of water to drink, consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable, delayed symptoms and effects can be found in section 11. or in the intake routes under section 4.1.

In certain cases, the symptoms of intoxication may only appear after a longer period of time/after several hours.

4.3 Information on immediate medical assistance or specialised treatment

Symptomatic treatment.

SECTION 5: Fire-fighting measures**5.1 Extinguishing****agents Suitable****extinguishing agents**

Water spray/foam/CO₂/dry extinguishing agent

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

In the event of a fire, they can form:

Carbon oxides

Toxic gases

5.3 Instructions for firefighting

Personal protective equipment see section 8. Do

not inhale explosion and combustion gases.

Self-contained breathing apparatus.

Depending on the size of the fire

Full protection if necessary.

Cool endangered containers with water.

Dispose of contaminated extinguishing water in accordance with official regulations.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 Staff not trained for emergencies**

In case of spillage or accidental release, wear personal protective equipment from section 8 to prevent contamination.

Ensure adequate ventilation, remove ignition sources.

Avoid dust formation in the case of solid or powdery products. Leave the danger zone if possible, use existing emergency plans if necessary. Avoid contact with eyes and skin.

Be aware of the risk of slipping.

6.1.2 Emergency services

See section 8 for suitable protective equipment and material information.

6.2 Environmental protection measures

In case of leakage of larger quantities, contain.

Eliminate leaks if possible without risk.

Avoid penetration into surface and ground water as well as into the soil. Do not allow to enter the sewage system.

In the event of accidental discharge into the sewerage system, inform the relevant authorities.

6.3 Methods and material for retention and cleaning

Absorb with liquid-binding material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of in accordance with section 13.

Fill the collected goods into sealable containers.

6.4 Reference to other sections

See section 13. and personal protective equipment see section 8.

SECTION 7: Handling and storage

In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.

7.1 Protective measures for safe handling

7.1.1 General recommendations

Ensure good room ventilation.

Avoid contact with eyes and skin.

Eating, drinking, smoking and storing food in the work area is prohibited. Observe the information on the label and the instructions for use.

7.1.2 Information on general hygiene measures in the workplace

The general hygiene measures for handling chemicals must be applied. Wash hands before breaks and at the end of work.

Keep away from food, drink and animal feed.

Remove contaminated clothing and protective equipment before entering areas where food is served.

7.2 Conditions for safe storage, taking into account incompatibilities

Only store the product in its original, closed packaging. Do not store the product in passageways and staircases. Protect from sunlight and heat. Store at room temperature.

Store in a dry place.

Storage class see section 15.

7.3 Specific end uses

No information is currently available.

SECTION 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored

Chemical name	Mineral oil mist		
OEL: 5 mg/m3 (Mineral oils (petroleum), heavy refined)	Spb.-ref.: 4(II) (Mineral oils (petroleum), highly refined)	—	
Monitoring methods:	-Draeger - Oil Mist 1/a (67 33 031)		
BGW: —	Other information: DFG, Y, 11 (mineral oils (petroleum), highly refined)		

Distillates (petroleum), hydrotreated heavy paraffinic

Field of application	Exposure path / Environmental compartment	Impact on the Health	Descriptor	Value	Unit	Remarkable

	Environment - oral (food)		PNEC	9,33	mg/kg feed	
Consumers	Human - Inhalation	Long-term, local Effects	DNEL	1,2	mg/m3	
Workers / employees	Human - Inhalation	Long-term, Systemic effects	DNEL	2,73	mg/m3	
Workers / employees	Human - dermal	Long-term, Systemic effects	DNEL	0,97	mg/kg	
Workers / employees	Human - Inhalation	Long-term, local Effects	DNEL	5,6	mg/m3	

Ⓧ - Germany | AGW = Occupational exposure limit values (Technical Rules for Hazardous Substances No. 900 - TRGS 900): E = inhalable fraction, A = alveolar fraction.
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU.
 (8) = Inhalable fraction (2004/37/EC, 2017/164/EU). (9) = Respirable fraction (2004/37/EC, 2017/164/EU). (11) = Respirable fraction (2004/37/EC). (12) = Respirable fraction. Respirable fraction in Member States implementing a biomonitoring system with a maximum biological limit value of 0.002 mg Cd/g creatinine in urine on the date of entry into force of this Directive (2004/37/EC).
 = The limit value for this substance was cancelled by the TRGS 900 (Germany) of January 2006 with the aim of revision. |
 | Spb.-Üf. = peak limit - exceedance factor (1 to 8) and category (I, II) for short-term values (Technical Rules for Hazardous Substances No. 900 - TRGS 900): "=" = instantaneous value. Category (I) = Substances for which the local effect determines the limit value or respiratory sensitising substances, (II) = Resorptively active substances.
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU.
 (8) = Inhalable fraction (2004/37/EC, 2017/164/EU). (9) = Respirable fraction (2004/37/EC, 2017/164/EU). (10) = Short-term exposure limit value for a reference period of one minute (2017/164/EU).
 = The limit value for this substance was cancelled by the TRGS 900 (Germany) of January 2006 with the aim of revision. |
 | BGW = Biological limit values (Technical Rules for Hazardous Substances No. 903 - TRGS 903): Test material: B = whole blood, BE = erythrocyte fraction of whole blood, P/S = plasma/serum, U = urine.
 Sampling time: a) no restriction, b) end of exposure or end of shift, c) for long-term exposure: at the end of the shift after several previous shifts, d) before the following shift, e) after the end of exposure: hours, f) after at least 3 months of exposure, g) immediately after exposure, h) before the last shift of a working week.
 (EU) = Directive 98/24/EC or 2004/37/EC or SCOEL (Biological Limit Value - BLV, Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL)) |
 | Other information (Technical Rules for Hazardous Substances No. 900 - TRGS 900): H = skin-resorptive. X = carcinogenic substance of cat. 1A or 1B or carcinogenic activity or process according to § 2 paragraph 3 no. 4 of the Hazardous Substances Ordinance - § 10 GefStoffV must also be observed. Y = A risk of fruit damage need not be feared if the AGW and BGW are observed. Z = A risk of fruit damage cannot be excluded even if the AGW and BGW are observed (see No. 2.7 TRGS 900). Sa = Respiratory sensitiser. Sh = Skin sensitising. Sah = Respiratory and skin sensitising. DFG = German Research Foundation (MAK Commission). AGS = Committee for Hazardous Substances. (10) = The occupational exposure limit value refers to the element content of the corresponding metal. (11) = Sum of vapour and aerosols. (TRGS 905) = List of carcinogenic, germ cell mutagenic or reprotoxic substances (Technical Rules for Hazardous Substances No. 905): Substances not listed in Annex VI Part 3 of the CLP Regulation or classified differently by the AGS with K = Carcinogenic, M = Germ cell mutagenic, RF = Reproductive toxicant - Fertility risk (may impair fertility), RE = Reproductive toxicant - Developmental toxicant (May damage the unborn child), 1A/1B/2 = Categories according to Annex I of the CLP Regulation.
 (TRGS 907) = List of sensitising substances and activities involving sensitising substances (Technical Rules for Hazardous Substances No. 907): Sa = Respiratory sensitiser. Sh = Skin sensitising. Sah = Respiratory and skin sensitising.
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU.
 (13) = The substance may cause skin and respiratory sensitisation (Directive 2004/37/EC), (14) = The substance may cause skin sensitisation (Directive 2004/37/EC).
 = The limit value for this substance was cancelled by the TRGS 900 (Germany) of January 2006 with the aim of revision. |

8.2 Exposure controls and monitoring

8.2.1 Suitable technical control equipment

Ensure good ventilation. This can be achieved by local extraction or general exhaust air.

If this is not sufficient to keep the concentration below the occupational exposure limit values (OEL), suitable respiratory protection must be worn.

Only applies if exposure limit values are listed here.

Suitable assessment methods for checking the effectiveness of the protective measures taken include metrological and non-measurable determination methods.

These are described by e.g. EN 14042, TRGS 402 (Germany).

EN 14042 "Workplace atmospheres. Guideline for the application and use of methods and equipment for the detection of chemical and biological agents".

TRGS 402 (Germany) "Determination and assessment of hazards during activities involving hazardous substances - Inhalative exposure".

8.2.2 Individual protective measures, for example personal protective equipment

The general hygiene measures for handling chemicals must be applied. Wash hands before breaks and at the end of work.

Keep away from food, drink and animal feed.

Remove contaminated clothing and protective equipment before entering areas where food is served.

Eye/face protection:

Safety goggles with side shields (EN 166).

Skin protection - Hand protection:

Chemical-resistant protective gloves (EN ISO 374). If necessary

Protective gloves made of Neoprene® / polychloroprene (EN ISO 374).

Protective gloves made of nitrile (EN ISO 374).

Protective gloves made of PVC (EN ISO 374)

Protective gloves made of Viton® / fluoroelastomer (EN ISO 374) Minimum thickness in mm:

0,5

Permeation time (breakthrough time) in minutes:

480

The breakthrough times determined in accordance with EN 16523-1 were not carried out under practical conditions. A maximum wearing time corresponding to 50% of the breakthrough time is recommended.

Hand protection cream recommended.

Skin protection - Other protective measures:

Protective work clothing (e.g. safety shoes EN ISO 20345, long-sleeved work clothing).

Respiratory protection:

If the workplace limit value (AGW, Germany) or MAK (Switzerland, Austria) is exceeded. Filter A P2 (EN 14387), colour code brown, white

Observe the wearing time limits for respiratory protective devices.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been carried out.

The selection of mixtures was made to the best of our knowledge and based on the information provided by the ingredients. For substances, the selection was derived from the information provided by the glove manufacturers.

The final selection of the glove material must take into account the breakthrough times, permeation rates and degradation.

The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer.

For mixtures, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

The exact breakthrough time of the glove material must be obtained from the protective glove manufacturer and adhered to.

8.2.3 Limitation and monitoring of environmental exposure

No information is currently available.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Physical state:

Gel, liquid.

Colour:

Black

Odour:

Hydrocarbons

Melting point/freezing point: No information available on this parameter.

Boiling point or initial boiling point and boiling

range:

No information available on this parameter.

Flammability:

No information available on this

parameter.

Lower explosion limit: There is no information available on this parameter.

Upper explosion limit: There is no information available on this parameter.

Flash point:

270 °C

Ignition temperature: There is no information available on this parameter.

Decomposition temperature: There is no information available on this parameter.

pH value:

The mixture is not soluble (in water).

Kinematic viscosity: There is no information available on this parameter.

Solubility: Insoluble

Partition coefficient n-octanol/water (log value): Does not apply to mixtures.

Vapour pressure: There is no information available on this parameter.

Density and/or relative density: 0,88-0,89 (15°C)

Relative vapour density: There is no information available on this parameter.

Particle properties: Does not apply to liquids.

9.2 Other information

No information is currently available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product has not been tested.

10.2 Chemical stability

Stable when stored and handled properly.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Heating, open flames, ignition sources

10.5 Incompatible materials

Avoid contact with strong oxidising agents.

10.6 Hazardous decomposition products

No decomposition when used as intended.

SECTION 11: Toxicological information

11.1. Information on hazard classes according to Regulation (EC) No 1272/2008

For possible further information on health effects see section 2.1 (Classification).

InterLube (Standard Cartridge)

Toxicity / Effect	End point	Value	Unit	Organism	Test method	Remark
Acute toxicity, oral:						n.d.v.
Acute toxicity, dermal:						n.d.v.
Acute toxicity, inhalation:						n.d.v.
Corrosive/irritant effect on the Skin:						n.d.v.
Serious eye damage/irritation:						n.d.v.
Sensitisation of the Respiratory tract/skin:						n.d.v.
Germ cell mutagenicity:						n.d.v.
Carcinogenicity:						n.d.v.
Reproductive toxicity:						n.d.v.
Specific target organ Toxicity - single exposure (STOT-SE):						n.d.v.
Specific target organ toxicity - repeated exposure exposure (STOT-RE):						n.d.v.
Danger of aspiration:						n.d.v.
Symptoms:						n.d.v.

11.2. Information on other hazards

InterLube (Standard Cartridge)

Toxicity / Effect	End point	Value	Unit	Organism	Test method	Remark
Endocrine disruptors Properties:						Does not apply to Mixtures.

Other information:							No other relevant information on adverse health effects available.
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SECTION 12: Environmental information

For possible further information on environmental effects see section 2.1 (Classification).

InterLube (Standard Cartridge)							
Toxicity / Effect	End point	Time	Value	Unit	Organism	Test method	Remark
12.1 Toxicity, fish:							n.d.v.
12.1 Toxicity, Daphnia:							n.d.v.
12.1 Toxicity, algae:							n.d.v.
12.2 Persistence and Degradability:							n.d.v.
12.3. Bioaccumulation potential:							n.d.v.
12.4 Mobility in the Floor:							n.d.v.
12.5 Results of the PBT and vPvB assessment:							n.d.v.
12.6. Endocrine disrupting properties:							Does not apply to mixtures.
12.7 Other adverse effects:							No information on other adverse effects on the environment.

SECTION 13: Disposal instructions

13.1 Waste treatment methods For the substance / mixture / residual quantities

Waste code no. EC:

The mentioned waste codes are recommendations based on the expected use of this product. Due to the specific use and disposal conditions of the user, other waste codes may also be assigned under certain circumstances. (2014/955/EU)

07 06 99 wastes not otherwise specified

20 01 26 Oils and fats other than those mentioned in 20 01 25

Recommendation:

Disposal via waste water is not recommended.

Observe local official regulations.

For example, suitable incineration plant. For example, deposit in a suitable landfill.

For contaminated packaging material

Observe local official regulations. Empty container completely.

Non-contaminated packaging can be reused. Packaging that cannot be cleaned must be disposed of in the same way as the substance.

SECTION 14: Transport information

General information

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878) Revised on /
Version: 10.10.2024 / 0001

Replaces version dated / version: 10.10.2024 /

0001 Effective from: 10.10.2024

PDF print date: 10/10/2024

InterLube (Standard Cartridge)

Road / rail transport (GGVSEB/ADR/RID)

14.1. UN number or ID number:	Not applicable
14.2. UN proper shipping name:	Not applicable
14.3. Transport hazard classes:	Not applicable
14.4. Packaging group:	Not applicable
14.5. Environmental hazards:	Not applicable
Tunnel restriction code:	Not applicable
Classification code:	Not applicable
LQ:	Not applicable
Transport category:	Not applicable

Transport by sea-going vessels (GGVSee/IMDG Code)

14.1. UN number or ID number:	Not applicable
14.2. UN proper shipping name:	Not applicable
14.3. Transport hazard classes:	Not applicable
14.4. Packaging group:	Not applicable
14.5. Environmental hazards:	Not applicable
Marine pollutant:	Not applicable
EmS:	Not applicable

Carriage by aircraft (IATA)

14.1. UN number or ID number:	Not applicable
14.2. UN proper shipping name:	Not applicable
14.3. Transport hazard classes:	Not applicable
14.4. Packaging group:	Not applicable
14.5. Environmental hazards:	Not applicable

14.6. Special precautions for the user

Unless otherwise specified, the general measures for safe transport must be observed.

14.7. Bulk transport by sea in accordance with IMO instruments

No dangerous goods according to the above regulations.

SECTION 15: Legislation

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Observe restrictions:

The general hygiene measures for handling chemicals must be applied. Water

hazard class (Germany): 1

Occupational exposure limits/biological limit values see section 8.

Storage class according to TRGS 510:

10 Flammable liquids that cannot be assigned to any of the aforementioned LGKs

National guidelines/regulations on safety and health protection when using work equipment must be applied.

15.2 Chemical safety assessment

A chemical safety assessment is not required for mixtures.

SECTION 16: Other information

Revised sections: n.a.

Classification and methods used to derive the classification of the mixture according to Regulation (EC) 1272/2008 (CLP):

Not applicable

The following sentences represent the written out H-phrases, hazard class code (GHS/CLP) of the ingredients.

Important literature and data sources:

Regulation (EC) No. 1907/2006 (REACH) and Regulation (EC) No. 1272/2008 (CLP) as amended. Guidelines for the preparation of safety data sheets in the valid version (ECHA).

Guidance on labelling and packaging according to Regulation (EC) No. 1272/2008 (CLP) as amended (ECHA). Safety data sheets of the ingredients.

ECHA-homepage - Information on chemicals.

GESTIS substance database (Germany).

Federal Environment Agency "Rigoletto" information page on substances hazardous to water (Germany).

EU occupational exposure limit values Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831 as amended.

National occupational exposure limit value lists of the respective countries as amended.

Regulations for the transport of dangerous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Any abbreviations and acronyms used in this document:

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

alcohol resistant alcohol resistant

general General

Note

AOX Adsorbable organic halogen compounds Art.,

Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

ATE Acute Toxicity Estimate FOEN Federal Office for the Environment (Switzerland)

BAM Federal Institute for Materials Research and Testing

BAuA Federal Institute for Occupational Safety and Health

BCF Bioconcentration factor (= bioconcentration factor)

Bem. Remark

BG Employer's Liability Insurance Association

BG BAU Employer's Liability Insurance Association for the Construction Industry (Germany)

BSEF The International Bromine Council

resp. respectively

ca. zirka / circa

CAS Chemical Abstracts Service

ChemRRV Chemical Risk Reduction Ordinance (Switzerland)

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, toxic for reproduction (carcinogenic, mutagenic, toxic for reproduction) DMEL

Derived Minimum Effect Level (= derived minimum effect limit)

DNEL Derived No Effect Level DOC Dissolved organic carbon (= dissolved organic carbon)

EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) (= concentration/dose with an effect of x % on the reduction of the biomass (algae, plants))

ECHA European Chemicals Agency (= European Chemicals Agency)

ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect (= concentration/dose with an effect of x %)

EC European Community

EINECS European Inventory of Existing Commercial Chemical

Substances ELINCS European List of Notified Chemical Substances

EN European standards

EPA United States Environmental Protection Agency (United States of America)

ErCx, EμCx, ErLx (x = 10, 50) Effect concentration/Level of x % on inhibition of the growth rate (algae, plants) (= concentration with an effect of x % on the inhibition of the growth rate (algae, plants))

etc., etc. etcetera, and so on

EU European Union

EVAL Ethylene vinyl alcohol copolymer EEC

European Economic Community Fax.

Fax number

acc. to

if applicable if applicable

GGVSEB Dangerous Goods Ordinance for Road, Rail and Inland Navigation (Germany)

GGVSee Gefahrgutverordnung See (Ordinance on the Carriage of Dangerous Goods by Sea, Germany)

GHS Globally Harmonised System of Classification and Labelling of Chemicals (= Globally Harmonised System of Classification and Labelling of Chemicals)

GISBAU Hazardous substance information system of the BG Bau - Employer's Liability Insurance Association for the Construction Industry (Germany)

GisChemHazardous Chemicals Information System of the BG RCI - German Social Accident Insurance Institution for the raw materials and chemical industry and the BGHM - German Social Accident Insurance Institution for the wood and metal industry (Germany)

GWP Global warming potential (= global warming potential)

IARC International Agency for Research on Cancer IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG Code International Maritime Code for Dangerous Goods (= Dangerous Goods in International Maritime Traffic)

incl. inclusive, including

IUCLID International Uniform Chemical Information Database

IUPAC International Union for Pure Applied Chemistry (= International Union of Pure and Applied Chemistry)

n.d.a. no data available Motor

vehicle, motorised

vehicle

Koc Adsorption coefficient of organic carbon in the soil Conc.

concentration

Kow Octanol/water partition coefficient

LC50 Lethal Concentration to 50 % of a test population (= lethal concentration for 50 % of a test population)

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) (= For 50% of a test population lethal dose (median lethal dose))

LGK Storage class

LOEC, LOEL Lowest Observed Effect Concentration/Level (lowest concentration/dose with observed effect) Log Koc

Logarithm of the adsorption coefficient of organic carbon in soil

Log Kow, Log Pow Logarithm of the octanol/water partition coefficient LQ Limited

Quantities

LRV Ordinance on Air Pollution Control (Switzerland)

LVA Lists on the transport of waste (Switzerland)

MARPOL International Convention for the Prevention of Pollution from Ships mg/kg bw

mg/kg body weight (= mg/kg body weight)

mg/kg bw/d, mg/kg bw/day mg/kg body weight/day (= mg/kg body weight/day)

mg/kg dw mg/kg dry weight (= mg/kg dry weight)

mg/kg feed mg/kg feed

mg/kg wwt mg/kg wet weight (= mg/kg wet mass)

Min., min. minute(s) or at least or minimum

n.a. not applicable

n.g. not tested

n.a. not available

NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-polymer (= no-longer-polymer)

NOEC, NOEL No Observed Effect Concentration/Level (= concentration/dose without observed effect)

OECD Organisation for Economic Co-operation and Development (= Organisation for Economic Co-operation and Development)

org. organic

OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic

(= persistent, bioaccumulative and toxic)

PE Polyethylene

PNEC Predicted No Effect Concentration (= estimated no effect concentration) Pt.

Point

PVC Polyvinyl chloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006

concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier.

List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-

IT. (= 6/7/8/9xx-xxx-x No. is assigned automatically, e.g. on pre-registrations without a CAS No. or other numerical identifier. List

numbers have no legal significance, but are purely technical identifiers for processing a submission via REACH-IT).

resp. resp.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulations concerning the

International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern Tel. Telephone

TOC Total organic carbon TRGS Technical Rules for Hazardous

Substances

DETEC Federal Department of the Environment, Transport, Energy and Communications (Switzerland)

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods (the United Nations

recommendations for the transport of dangerous goods)

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InterLube (Standard Cartridge)

UV Ultraviolet

VbF Ordinance on Flammable Liquids (Austrian Ordinance) VeVA

Ordinance on the Movement of Waste (Switzerland)

VOC Volatile organic compounds (= volatile organic compounds)

vPvB very persistent and very bioaccumulative WBF Federal Department of Economic Affairs,
Education and Research (Switzerland)

WGK Ordinance on Installations for Handling Substances Hazardous to Water - AwSV (German ordinance) WGK1
slightly hazardous to water

WGK2 clearly hazardous to water

WGK3 highly hazardous to water

z. Currently

e.g. for example

The information provided here is intended to describe the product with regard to the necessary safety precautions; it is not
intended to guarantee specific properties and is based on our current state of knowledge. Liability excluded.

Issued by:

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