

Safety Data Sheet

The REACH etc. (Amendment etc.) (EU Exit) Regulations
2019, SI 2019/758 (as amended)

Kleenmold Base 10 A

Version number: 2.0
Replaces version of: 2021-11-03 (1)

Revision: 2022-12-08
First version: 2021-11-03

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

1.1 Product identifier

Trade name	<u>Kleenmold Base 10 A</u>
Registration number (REACH)	Not relevant (mixture)
CAS number	not relevant (mixture)
Unique formula identifier (UFI)	GUMQ-YSVC-U7P3-X0R2

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

Relevant identified uses	Lubricant
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1.3 Details of the supplier of the safety data sheet

TotalEnergies Glass Lubricants Europe GmbH Zeithstr. 136 D-53819 Neunkirchen-Seelscheid Germany	Telephone: +49 2247 6608 Telefax: +49 2247 74350 e-mail: info-tgle@totalenergies.com Website: https://services.us.totalenergies.com/
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e-mail (competent person) sdb@csb-compliance.com

Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact TotalEnergies Glass Lubricants Europe GmbH.

National contact e-Mail: info-tgle@totalenergies.com

1.4 Emergency telephone number

Poison centre		
Country	Name	Telephone
Germany	Giftnotruf Berlin	+49 30 19240

As above or nearest toxicological information centre.

Kleenmold Base 10 A

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Classification				
Section	Hazard class	Category	Hazard class and category	Hazard statement
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.4S	skin sensitisation	1	Skin Sens. 1	H317
4.1C	hazardous to the aquatic environment - chronic hazard	2	Aquatic Chronic 2	H411

For full text of abbreviations: see SECTION 16

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

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

Signal word warning

Pictograms

GHS07, GHS09



Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Kleenmold Base 10 A

Hazardous ingredients for labelling

Reaction product of epichlorhydrine and phenol-formaldehyde
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Endocrine disrupting properties

None of the ingredients are listed.




SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

Hazardous ingredients					
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
Reaction product of epichlorhydrine and phenol-formaldehyde	CAS No 28064-14-4 EC No 608-164-0	25 – 50	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1 / H317 Aquatic Chronic 2 / H411		-
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	CAS No 25085-99-8 EC No 600-013-7 691-646-8	10 – 25	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1 / H317 Aquatic Chronic 2 / H411		-
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS No 68609-97-2 EC No 271-846-8 Index No 603-103-00-4 REACH Reg. No 01-2119485289-22	5 – 10	Skin Irrit. 2 / H315 Skin Sens. 1 / H317		GHS-HC

Notes

GHS- Harmonised classification (the classification of the substance corresponds to the entry in the list according to

Kleenmold Base 10 A

Notes

HC: 1272/2008/EC, Annex VI)

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	-	-	-	inhalation: vapour

for full text of H-phrases: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Take off immediately all contaminated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Following eye contact

Rinse cautiously with water for several minutes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Following ingestion

Rinse mouth. Do not induce vomiting.

Get medical advice/attention if you feel unwell.

Notes for the doctor

None.

4.2 Most important symptoms and effects, both acute and delayed

These information are not available.

4.3 Indication of any immediate medical attention and special treatment needed

None.

Kleenmold Base 10 A

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.

Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

use suitable breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

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Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal.

Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

Specific notes/details

None.

Measures to protect the environment

Avoid release to the environment.

Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible substances or mixtures

Incompatible materials: see section 10.

Protect against external exposure, such as

heat

Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

Ventilation requirements

Provision of sufficient ventilation.

Specific designs for storage rooms or vessels

Kleenmold Base 10 A

Storage temperature

recommended storage temperature: 5 - 35 °C

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

this information is not available

Relevant DNELs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	DNEL	1 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	DNEL	3.6 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	0.106 mg/l	freshwater
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	0.011 mg/l	marine water
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	10 mg/l	sewage treatment plant (STP)
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	307.2 mg/kg	freshwater sediment
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	30.72 mg/kg	marine sediment
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	PNEC	1.234 mg/kg	soil

Kleenmold Base 10 A

8.2 Exposure controls

Appropriate engineering controls

Use local and general ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. (EN 166).

Hand protection

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

(EN 136, EN 140, EN 14387, EN 143, EN 149).

Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid (paste)
Colour	black
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	not determined
Flash point	190 °C (c.c.)
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined

Kleenmold Base 10 A

Dynamic viscosity	not determined
Solubility(ies)	
Water solubility	not miscible in any proportion
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	<2 hPa at 20 °C
Density and/or relative density	
Density	1.22 g/cm ³ at 25 °C
Relative vapour density	>1 (air = 1)
Particle characteristics	not relevant (liquid)

9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics	there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

Hazardous combustion products: see section 5.

Kleenmold Base 10 A

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Classification procedure

If not otherwise specified the classification is based on:
Ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Test data are not available for the complete mixture.

Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	25085-99-8	inhalation: vapour	-

Name of substance	CAS No	Exposure route	End-point	Value	Species	Method	Source
Reaction product of epichlorohydrine and phenol-formaldehyde	28064-14-4	oral	LD50	>2,000 mg/kg	rat	-	-
Reaction product of epichlorohydrine and phenol-formaldehyde	28064-14-4	dermal	LD50	>2,000 mg/kg	rabbit	-	-
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	25085-99-8	oral	LD50	>2,000 mg/kg	rat	-	manufacturer
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	25085-99-8	dermal	LD50	>2,000 mg/kg	rat	-	manufacturer
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	oral	LD50	26,800 mg/kg	rat, male	-	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	dermal	LD0	>4,000 mg/kg	rabbit	-	ECHA

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Kleenmold Base 10 A

Respiratory sensitisation

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Germ cell mutagenicity

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Carcinogenicity

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Reproductive toxicity

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Specific target organ toxicity - single exposure

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Specific target organ toxicity - repeated exposure

Classification could not be established because:
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients are listed.

Endocrine disrupting chemicals (EDC)		
Name of substance	CAS No	Reference decision
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	25085-99-8	BKH 2002

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (acute)

Test data are not available for the complete mixture.

Kleenmold Base 10 A

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
Reaction product of epichlorhydrine and phenol-formaldehyde	28064-14-4	EC50	48 h	1.7 mg/l	daphnia	-	-
Reaction product of epichlorhydrine and phenol-formaldehyde	28064-14-4	EC50	72 h	9.4 mg/l	algae	-	-
Reaction product of epichlorhydrine and phenol-formaldehyde	28064-14-4	LC50	96 h	1.5 mg/l	fish	-	-
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	LL50	96 h	>100 mg/l	rainbow trout (Oncorhynchus mykiss)	OECD Guideline 203	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	EL50	48 h	7.2 mg/l	daphnia magna	OECD Guideline 202	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	IC50	72 h	843.8 mg/l	algae (pseudokirchneriella subcapitata)	OECD Guideline 201	ECHA

Aquatic toxicity (chronic)

Toxic to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
Reaction product of epichlorhydrine and phenol-formaldehyde	28064-14-4	NOEC	21 d	0.3 mg/l	daphnia	-	-

Kleenmold Base 10 A

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	EL50	21 d	64 mg/l	daphnia magna	OECD Guideline 211	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	EC50	180 min	>100 mg/l	Activated sludge, municipal	OECD Guideline 209	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	NOELR	21 d	56 mg/l	daphnia magna	OECD Guideline 211	ECHA
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	NOEC	72 h	500 mg/l	algae (pseudokirchneriella subcapitata)	OECD Guideline 201	ECHA

12.2 Persistence and degradability

Biodegradation

No data available.

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	oxygen depletion	87 %	28 d	OECD Guideline 301 F	ECHA

Persistence

No data available.

12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	≥160 – ≤263	3.77 (20 °C)

12.4 Mobility in soil

No data available.

Kleenmold Base 10 A

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

Endocrine disrupting chemicals (EDC)			
Name of substance	CAS No	Wt%	Source
1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin	25085-99-8	25	BKH 2002

12.7 Other adverse effects

Data are not available.

Remarks

Wassergefährdungsklasse, WGK (water hazard class): 2

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

Completely emptied packages can be recycled.
Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID UN3082

ADR/RID/ADN UN3082

IMDG-Code UN3082



ICAO-TI UN3082

14.2 UN proper shipping name

ADR/RID ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

ADR/RID/ADN ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Kleenmold Base 10 A

IMDG-Code	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO-TI	Environmentally hazardous substance, liquid, n.o.s.
Technical name (hazardous ingredients)	Reaction product of epichlorhydrine and phenol-formaldehyde, Bisphenol A diglycidyl ether
14.3 Transport hazard class(es)	
ADR/RID	9
ADR/RID/ADN	9
IMDG-Code	9
ICAO-TI	9
14.4 Packing group	
ADR/RID	III
ADR/RID/ADN	III
IMDG-Code	III
ICAO-TI	III
14.5 Environmental hazards	
Environmentally hazardous substance (aquatic environment)	hazardous to the aquatic environment Reaction product of epichlorhydrine and phenol-formaldehyde, Bisphenol A diglycidyl ether
14.6 Special precautions for user -	
14.7 Maritime transport in bulk according to IMO instruments -	
14.8 <u>Information for each of the UN Model Regulations</u>	
Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) Additional information	
Particulars in the transport document	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (contains: Reaction product of epichlorhydrine and phenol-formaldehyde, Bisphenol A diglycidyl ether), 9, III, (-)
Classification code	M6
Danger label(s)	9, fish and tree
 	

Kleenmold Base 10 A

Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	274, 335, 375, 601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Tunnel restriction code (TRC)	-
Hazard identification No	90
Emergency Action Code	3Z

International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant	yes (hazardous to the aquatic environment) (Reaction product of epichlorhydrine and phenol-formaldehyde)
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Danger label(s) 9, fish and tree



Special provisions (SP)	274, 335, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Environmental hazards	yes (hazardous to the aquatic environment)
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Danger label(s) 9, fish and tree



Special provisions (SP)	A97, A158, A197, A215
Excepted quantities (EQ)	E1
Limited quantities (LQ)	30 kg

Kleenmold Base 10 A

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

Not listed.

Seveso Directive

2012/18/EU (Seveso III)				
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements		Notes
E2	environmental hazards (hazardous to the aquatic environment, cat. 2)	200	500	57)

Notation

57) hazardous to the Aquatic Environment in category Chronic 2

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

Regulation on drug precursors

None of the ingredients are listed.

Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

none of the ingredients are listed

Kleenmold Base 10 A

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)			
Name of substance	Name acc. to inventory	CAS No	Conditions of restriction
Kleenmold Base 10 A	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	-	R3

Legend

- R3
1. Shall not be used in:
 - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
 - tricks and jokes,
 - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
 2. Articles not complying with paragraph 1 shall not be placed on the market.
 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
 - can be used as fuel in decorative oil lamps for supply to the general public, and,
 - present an aspiration hazard and are labelled with R65 or H304,
 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute.
 5. Without prejudice to the implementation of other legislation relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
 - (a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010 'Just a sip of lamp oil'
 - or even sucking the wick of lamps
 - may lead to life-threatening lung damage;
 - (b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life-threatening lung damage';
 - (c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the Agency.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Kleenmold Base 10 A

Section	Former entry (text/value)	Actual entry (text/value)
1.1	Trade name: XD 16	Trade name: Kleenmold Base 10 A
1.1	-	Unique formula identifier (UFI): GUMQ-YSVC-U7P3-X0R2
1.2	Relevant identified uses: Sample Lubricant	Relevant identified uses: Lubricant
1.3	e-mail (competent person): sdb@csb-online.de Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact TotalEnergies Glass Lubricants Europe GmbH.	e-mail (competent person): sdb@csb-compliance.com Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact TotalEnergies Glass Lubricants Europe GmbH.
1.3	National contact: info-tgle@totalenergies.com	National contact: e-Mail: info-tgle@totalenergies.com
2.2	Hazardous ingredients for labelling: 1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin Reaction product of epichlorhydrine and phenol-formaldehyde oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Hazardous ingredients for labelling: Reaction product of epichlorhydrine and phenol-formaldehyde 1-Chloro-4 Trifluoromethyl Bisphenol A Epoxy Resin oxirane, mono[(C12-14-alkyloxy)methyl] derivs.
8.1	Control parameters	Control parameters: Occupational exposure limit values (Workplace Exposure Limits) this information is not available
14.1	-	ADR/RID/ADN: UN3082
14.2	-	ADR/RID/ADN: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3	-	ADR/RID/ADN: 9
14.4	-	ADR/RID/ADN: III
15.1	Restrictions according to REACH, Annex XVII	Restrictions according to REACH, Annex XVII: Not listed.
15.1	-	Restrictions according to REACH, Annex XVII: change in the listing (table)
15.1	List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list: None of the ingredients are listed.	-

Kleenmold Base 10 A

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code

Kleenmold Base 10 A

Abbr.	Descriptions of used abbreviations
IMDG-Code	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
log KOW	n-Octanol/water
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
NOELR	No Observed Effect Loading Rate
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).
 Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).
 International Maritime Dangerous Goods Code (IMDG).
 Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Kleenmold Base 10 A

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Responsible for the safety data sheet

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Disclaimer

This information is based upon the present state of our knowledge.
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