acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

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

1.1 Product identifier

Trade name Condocut HF

Registration number (REACH)

Unique formula identifier (UFI)

Not relevant (mixture)

7E50-2083-M003-HVQN

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

Relevant identified uses Lubricants, greases, release products

1.3 Details of the supplier of the safety data sheet

FRIEDRICH SCHARR KG Liebknechtstraße 50 70565 Stuttgart Germany

Telephone: +49 711 7868-0 Telefax: +49 711 7868-489 e-mail: info@scharr.de Website: www.scharr.de

e-mail (competent person) produktsicherheit@scharr.de

1.4 Emergency telephone number

| Poison centre | | | |
|---------------|--------------------------|----------------------------|------------------|
| Country | Name | Postal code/city | Telephone |
| Germany | Giftinformation Freiburg | 79106 Freiburg im Breisgau | +49 (0)761 19240 |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

| Hazard class | Category | Hazard class and cat- egory | Hazard state- ment |
|--------------------|----------|--------------------------------|-----------------------|
| skin sensitisation | 1 | Skin Sens. 1 | H317 |

For full text of abbreviations: see SECTION 16.

2.2 Label elements

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

- signal word warning
- pictograms

GHS07



acc. to Regulation (EC) No. 1907/2006 (REACH)



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- hazard statements

H317 May cause an allergic skin reaction.

- precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protec-

tion/....

P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container to industrial combustion plant.

- supplemental hazard information

EUH210 Safety data sheet available on request.

- hazardous ingredients for labelling Polysulfides, di-tert-dodecyl

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of \geq 0,1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Hazardous ingredients

| Name of substance | Identifier | | Wt% | Classification acc. to GHS |
|---|--|--|-----------|-------------------------------|
| Distillates (petroleum), solvent-dewaxed light paraffinic | CAS NO EC NO Index NO REACH Reg. NO | 64742-56-9 265-159-2 649-469-00-9 01-2119480132-48- xxxx | 75 – < 90 | Asp. Tox. 1 / H304 |
| Polysulfides, di-tert-dodecyl | CAS No EC No REACH Reg. No | 68425-15-0 270-335-7 01-2119540516-41- xxxx | 1-<5 | Skin Sens. 1B / H317 |

For full text of abbreviations: see SECTION 16.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Self-protection of the first aider.

Following inhalation

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

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Breathing difficulties. Headache. Vertigo.

4.3 Indication of any immediate medical attention and special treatment needed

Subsequent observance for pneumonia and pulmonary oedema. Supervise the blood circulation.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2), Sand

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Danger of bursting container.

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.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

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. Avoidance of ignition sources.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Provision of sufficient ventilation.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

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

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

- Recommended storage temperature

5 – 40 °C

- Lagerklasse (storage class according to TRGS 510, 10 (combustible liquids)
 Germany)

7.3 Specific end use(s)

See section 16 for a general overview.

acc. to Regulation (EC) No. 1907/2006 (REACH)



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Condocut HF

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SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Occupational exposure limit values (Workplace Exposure Limits)

| Cou ntry | Name of sub- stance | CAS No | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Source |
|-------------|-----------------------------------|----------------|------------|--------------|----------------|---------------|-----------------|----------|
| СН | Polysulfides, di- tert-dodecyl | 68425-15- 0 | MAK | | 10 | | 40 | SUVA |
| DE | Polysulfides, di- tert-dodecyl | 68425-15- 0 | MAK | | 5 | | 20 | DFG |
| DE | Polysulfides, di- tert-dodecyl | 68425-15- 0 | AGW | | 5 | | 20 | TRGS 900 |

Notation

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components

| Name of substance | CAS No | End- point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|------------------------------------|------------|---------------|----------------------|--|-------------------|---------------------------------|
| Polysulfides, di-tert-do- decyl | 68425-15-0 | DNEL | 32,9 mg/m³ | human, inhalat- ory | worker (industry) | chronic - system- ic effects |
| Polysulfides, di-tert-do- decyl | 68425-15-0 | DNEL | 46,7 mg/kg bw/day | human, dermal | worker (industry) | chronic - system- ic effects |

Relevant PNECs of components

| Name of substance | CAS No | End- point | Threshold level | Organism | Environmental compartment | Exposure time |
|---|------------|---------------|-------------------------------------|------------------------|-----------------------------------|---------------------------------|
| Distillates (petroleum), solvent-dewaxed light paraffinic | 64742-56-9 | PNEC | 9,33 ^{mg} / _{kg} | aquatic organ- isms | water | short-term (single instance) |
| Polysulfides, di-tert-do- decyl | 68425-15-0 | PNEC | 66,7 ^{mg} / _{kg} | aquatic organ- isms | water | short-term (single instance) |
| Polysulfides, di-tert-do- decyl | 68425-15-0 | PNEC | 1 ^g / _l | aquatic organ- isms | sewage treat- ment plant (STP) | short-term (single instance) |
| Polysulfides, di-tert-do- decyl | 68425-15-0 | PNEC | 3,85 ^{mg} / _{kg} | aquatic organ- isms | freshwater sedi- ment | short-term (single instance) |
| Polysulfides, di-tert-do- decyl | 68425-15-0 | PNEC | 0,385 ^{mg} / _{kg} | aquatic organ- isms | marine sediment | short-term (single instance) |

8.2 **Exposure controls**

General ventilation.

Appropriate engineering controls

Condocut HF Germany: en

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- type of material

PE: polyethylene, CR: chloroprene (chlorobutadiene) rubber, IIR: isobutene-isoprene (butyl) rubber

- material thickness

> 0,35 mm

- breakthrough times of the glove material

0,4 mm

>120 minutes (permeation: level 4)

- other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Combination filtering device (EN 141).

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 |
|--|---|
| Colour | light brown |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | not determined |
| Evaporation rate | not determined |
| Flammability | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit | not determined |
| Flash point | 212 °C |
| Auto-ignition temperature | 240 °C |

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

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| pH (value) | not determined |
|---|---|
| Kinematic viscosity | 23,5 mm²/ _s at 40 °C (DIN 51562) |
| | not determined |
| Partition coefficient n-octanol/water (log value) | this information is not available |
| Vapour pressure | <0,01 kPa at 20 °C |
| Density | 0,88 ^g / _{cm³} at 20 °C |
| 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 | |
| Temperature class (EU, acc. to ATEX) | T3 (maximum permissible surface temperature on the equipment: 200°C) |

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.

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.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

Classification procedure

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

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

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity of components

| Name of substance | CAS No | Exposure route | Endpoint | Value | Species |
|--|------------|--------------------------|----------|---|---------|
| Distillates (petroleum), solvent-dewaxed light par- affinic | 64742-56-9 | oral | LD50 | >5.000 ^{mg} / kg | rat |
| Distillates (petroleum), solvent-dewaxed light par- affinic | 64742-56-9 | inhalation: dust/mist | LC50 | 2,18 ^{mg} / _l / 4h | rat |
| Distillates (petroleum), solvent-dewaxed light par- affinic | 64742-56-9 | dermal | LD50 | >5.000 ^{mg} / kg | rabbit |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

SECTION 12: Ecological information

12.1 Toxicity

Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment. Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV): WGK 1, slightly hazardous to water (Germany)

Aquatic toxicity (acute) of components

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|--|------------|----------|---|---------------------------------|------------------|
| Distillates (petroleum), solvent-dewaxed light paraffinic | 64742-56-9 | LL50 | >100 ^{mg} / _l | fish | 96 h |
| Distillates (petroleum), solvent-dewaxed light par- affinic | 64742-56-9 | EL50 | >10.000 ^{mg} / _l | aquatic in- verteb- rates | 24 h |
| Polysulfides, di-tert-dodecyl | 68425-15-0 | LL50 | >100 ^{mg} / _l | fish | 96 h |

Aquatic toxicity (chronic) of components

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|--|------------|----------|---|---------------------------------|------------------|
| Distillates (petroleum), solvent-dewaxed light par- affinic | 64742-56-9 | LL50 | >10.000 ^{mg} / _l | aquatic in- verteb- rates | 24 h |

12.2 Persistence and degradability

Biodegradation

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

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

Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

| 14.1 | UN number or ID number | not subject to transport regulations |
|------|------------------------|--------------------------------------|
| | | |

14.2 UN proper shipping name not relevant

14.3 Transport hazard class(es) none

14.4 Packing group not assigned

14.5 Environmental hazards non-environmentally hazardous acc. to the dan-

gerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - additional information

Not subject to IMDG.

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

Not subject to ICAO-IATA.

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

SECTION 15: Regulatory information

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

Dangerous substances with restrictions (REACH, Annex XVII)

| Name of substance | Name acc. to inventory | CAS No | Restric- tion | No |
|-------------------|--|--------|------------------|----|
| Condocut HF | this product meets the criteria for classific- ation in accordance with Regulation No 1272/2008/EC | | R3 | 3 |

Legend

- 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
- Can be used as ruel in decorative oil lamps for supply to the general public, and
 present an aspiration hazard and are labelled with H304.
 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
 5. Without prejudice to the implementation of other Union provisions relating to the classification, labelling and packaging of substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
 (a) lamp oils, labelled with 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 purple of the present of the place of the present of the place of the present of the place of t ing the wick of lamps - may lead to life-threatening lung damage";
- (b) grill lighter fluids, labelled with 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 fluid may lead to life threatening lung damage';
- (c) lamps oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.';

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

none of the ingredients are listed

Seveso Directive

| 2012/18/EU (Seveso III) | | | |
|-------------------------|---------------------------------------|--|-------|
| No | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the applica- tion of lower and upper-tier requirements | Notes |
| | not assigned | | |

Industrial Emissions Directive (IED)

| VOC content | < 3 % |
|-------------|-------|

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

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

Water Framework Directive (WFD)

List of pollutants (WFD)

| Name of substance | CAS No | Listed in | Remarks |
|---|--------|-----------|---------|
| Distillates (petroleum), solvent-dewaxed light paraffinic | | a) | |

Legend

a) Indicative list of the main pollutants

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

National regulations (Germany)

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV)

Wassergefährdungsklasse, WGK (water hazard class)

1 slightly hazardous to water

Technical instructions on air quality control (Germany)

| Num- ber | Group of substances | Class | Conc. | Mass flow | Mass concen- tration | Nota- tion |
|-------------|---------------------|---------|-------------|----------------------------------|----------------------------------|---------------|
| 5.2.5 | organic substances | class I | 1 – < 5 wt% | 0,1 ^{kg} / _h | 20 ^{mg} / _{m³} | 3) |
| 5.2.5 | organic substances | | ≥ 25 wt% | 0,5 ^{kg} / _h | 50 ^{mg} / _{m³} | 3) |

Notation

National inventories

| Country | Inventory | Status |
|---------|------------|---|
| AU | AIIC | all ingredients are listed |
| CA | DSL | all ingredients are listed |
| CN | IECSC | all ingredients are listed |
| EU | ECSI | not all ingredients are listed |
| EU | REACH Reg. | all ingredients are listed or exempt from listing |
| JP | CSCL-ENCS | not all ingredients are listed |
| KR | KECI | all ingredients are listed |
| NZ | NZIoC | all ingredients are listed |
| PH | PICCS | all ingredients are listed |
| TR | CICR | not all ingredients are listed |
| TW | TCSI | all ingredients are listed |
| US | TSCA | all ingredients are listed (ACTIVE) |

³⁾ a total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m³, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter)

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

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Legend

AIIC CICR CSCL-ENCS DSL Australian Inventory of Industrial Chemicals Chemical Inventory and Control Regulation List of Existing and New Chemical Substances (CSCL-ENCS)

Domestic Substances List (DSL)
EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China ECSI IECSC

Korea Existing Chemicals Inventory New Zealand Inventory of Chemicals Philippine Inventory of Chemicals and Chemical Substances (PICCS) KECI NZIoC

PICCS

REACH Reg. REACH registered substances

Taiwan Chemical Substance Inventory

TCSI TSCA **Toxic Substance Control Act**

15.2 Chemical safety assessment

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

SECTION 16: Other information

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) | |
| AGW | Workplace exposure limit | |
| Asp. Tox. | Aspiration hazard | |
| 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 | |
| DFG | Deutsche Forschungsgemeinschaft MAK-und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim | |
| DGR | Dangerous Goods Regulations (see IATA/DGR) | |
| DNEL | Derived No-Effect Level | |
| 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) | |
| ED | Endocrine disruptor | |
| 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 | |
| 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 | |

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

| Abbr. | Descriptions of used abbreviations | |
|------------|---|--|
| IMDG | 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 | |
| NLP | No-Longer Polymer | |
| PBT | Persistent, Bioaccumulative and Toxic | |
| PNEC | Predicted No-Effect Concentration | |
| ppm | Parts per million | |
| 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 Sens. | Skin sensitisation | |
| STEL | Short-term exposure limit | |
| SUVA | Grenzwerte am Arbeitsplatz, Suva | |
| SVHC | Substance of Very High Concern | |
| TRGS | Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany) | |
| TRGS 900 | Arbeitsplatzgrenzwerte (TRGS 900) | |
| TWA | Time-weighted average | |
| VOC | Volatile Organic Compounds | |
| vPvB | Very Persistent and very Bioaccumulative | |

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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

| Code | Text | |
|------|---|--|
| H304 | May be fatal if swallowed and enters airways. | |
| H317 | May cause an allergic skin reaction. | |

acc. to Regulation (EC) No. 1907/2006 (REACH)



Condocut HF

Version number: 1.0 Revision: 07.02.2024 Replaces version of:

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.