

Safety data sheet

according to Regulation (EC) No. 1907/2006

Trade name: CONLink® – catalyst masterbatches

Product no.:

Version: 5.0 / GB

Printed on: 01.10.2025

Specification no.:

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SECTION 1: Identification of the substance or mixture and of the company

1.1 Product identifier

Commercial Names and Product Numbers for CONLink®

CAT MB AO

CAT MB UV

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

Use of the substance/mixture : Polyethylene mixture for halogen-free cables, catalyst for silane cross-linked compounds

For industrial use only. Not intended for sale to end consumers.

1.3 Details of supplier providing the safety data sheet

Supplier : **Condor Compounds GmbH**
Hansestrasse 68
38112 Braunschweig, Germany
Tel.: +49 531 21024-0
cc@condorcompounds.de

1.4 EMERGENCY NUMBER:

+49 531 21024-0

(This line is only manned during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture according to regulation (EC) No 1272/2008

Muta. 2 : H341: Suspected of causing genetic defects
Repr. 1B : H360FD: May damage fertility. May damage the unborn
: child
STOT SE 1 : H370: Causes damage to organs
Aquatic Acute 1 : H400: Very toxic to aquatic life
Aquatic Chronic 1 : H410: Very toxic to aquatic life with long lasting effects

2.2 Label elements

Labelling (Regulation (EC) 1272/2008))

Hazard pictograms



Signal word

: Warning

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Hazard statements : H341: Suspected of causing genetic defects
H360FD: May damage fertility. May damage the unborn child
H370: Causes damage to organs
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects

Precautionary statements : *Prevention*
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P391: Collect spillage.
Storage
P405: Store locked up.
Disposal
P501: Dispose of contents/container to an approved disposal facility.

2.3 Other hazards

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Information on ingredients

3.1 Substances

The product is a mixture.

3.2 Mixtures

CAS / EG / Index / REACH Nr.	Name	Content w%	Classification
77-58-7 201-038-8 050-030-00-3	Dibutyltin dilaurate	≥0.1 - ≤ 1 w%	Eye Irrit. 2 H319 Skin Sens. 1 H317 Muta. 2 H341 Repr. 1B H360FD STOT SE 1 H370 STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

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SECTION 4: First aid measures

4.1 Description of first aid measures

- General notes : No special measures required
- After inhalation : After inhalation of disintegration products: immediately remove casualty to fresh air. If irritation occurs, consult a doctor.
- After skin contact : In the event of hot or molten material touching the skin, rinse immediately with plenty of water. Burns require medical attention.
- After eye contact : In case of contact with eyes, rinse immediately with plenty of water, in case of contact with hot or molten material, rinse with plenty of water and seek medical attention immediately.
- After ingestion : In case of ingestion, seek medical advice immediately and show this container or label.

4.2 Most important acute and delayed symptoms and effects

- Symptoms : Inhalation of dust may irritate respiratory tract
- After skin contact: Molten product may cause burns
- After eye contact: in case of contact with hot or molten material, rinse with plenty of water and seek medical attention immediately

4.3 Information on immediate medical assistance or special treatment:

- Treatment : Symptomatic treatment
-

SECTION 5: Fire fighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water mist
Foam
Carbon dioxide (CO₂)
Extinguishing powder

5.2 Special hazards arising from the substance or mixture

- Special hazards in fire fighting : Release of carbon monoxide during thermal disintegration

5.3 Fire-fighting advice

- Special protective equipment for fire-fighting : Wear self-contained breathing apparatus.

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SECTION 6: Measures in case of accidental release

6.1 Personal and other precautions, protective equipment and emergency procedures

Personal safety precautions : Wearing of personal protective equipment: gloves for temperatures > 200°C, safety shoes, overalls.

6.2 Environmental protection:

Environmental protection measures : Do not allow to enter the environment. Avoid contamination of water.

6.3 Methods and materials for containment and cleaning

Cleaning procedures : Take up mechanically and dispose of in accordance with regulations. Caution: Granules on the ground can be slippery.

6.4 Reference to other sections

For personal protective equipment, see Section 8, for disposal instructions, see Section 13.

SECTION 7: Handling and storage

This material contains synthetic polymer microparticles (SPM) as defined in Commission Regulation (EU) 2023/2055. Identify potential sources of SPM emissions during the handling, use, transport, and disposal of this material. Do not release directly into wastewater, air, soil, or bodies of water. For instructions on waste handling, see Section 13.

7.1 Precautions for safe handling

Notes on safe handling : Strong overheating of the material may result in gaseous disintegration products. Ensure good ventilation and air extraction at the workplace. Use of an effective exhaust system at the extruder head. Prevent small spills and leaks to avoid the risk of slipping.

Notes on fire and explosion protection : Avoid electrostatic charge and take appropriate measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool and dry place; seal packaging tightly. Protect from moisture and direct sunlight. Keep and store only in original packaging.

7.3 Specific end uses

Intended use(s) : Material for the production of cables and wires

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SECTION 8: Limitation and control of exposure/Personal protective equipment

Limitation and monitoring of environmental exposure See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

8.1 Parameters to be monitored

No limits from risk exposures are exceeded.

8.2 Limitation and control of exposure

Technical protection measures : Avoid dust formation. Provide adequate ventilation.

Personal protective equipment while working with the material

Hand protection : Protective gloves for temperatures > 200°C when handling molten material.

Respiratory protection : Wear respiratory protection if extraction is insufficient.

Eye protection : Safety goggles (EN 166)

Protective and hygiene measures : Do not eat, drink or smoke at work. Wash hands and face before work breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : Solid

Appearance : Granules

Colour : White/Yellow

Odour : No information available

pH value : No information available

Melting range : 70 - 130°C

Boiling range : not applicable

Flash point : not applicable

Ignition temperature : No information available

Steam pressure : not applicable

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Lower explosion limit : not applicable

Upper explosion limit : not applicable

Density : >0.9 g/cm³

Solubility in water : insoluble

9.2 Other information

Bulk density (kg/m³) : No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal circumstances

10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

Hazardous reactions : None known

10.4 Conditions to avoid:

Conditions to avoid : Avoid heating above 200°C.

10.5 Materials to avoid:

Materials to avoid : Strong oxidising agents, strong reducing agents, strong acids and alkalis

10.6 Disintegration products:

Heat treatment : In the event of thermal disintegration or in the event of fire, the following are possible: water vapour, carbon dioxide, carbon monoxide and oxides of nitrogen.

SECTION 11: Toxicological information

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

For the mixture:

Acute oral toxicity : no known effect

Acute toxicity when inhaled : no known effect

Acute dermal toxicity : no known effect

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Irritating effect on the skin	:	no known effect
Serious eye damage or eye irritation	:	no known effect
Sensitisation of respiratory tract and skin	:	no known effect
Specific target organ toxicity in case of repeated exposure	:	not classified
Germ cell mutagenity	:	no known effect
Carcinogenicity	:	no known effect
Reproductive toxicity	:	no known effect
specific target organ toxicity in case of single exposure	:	not classified
Specific target organ toxicity in case of repeated exposure	:	not classified
Aspiration hazard	:	no known effect
Notes	:	The product has not been subjected to a separate examination. The statement is derived from the specifications of the individual components. Additives are bound in the polymer matrix and are not freely available.

11.2 Information on other hazards

No known effect

SECTION 12: Environmental information **For the mixture:**

12.1 Toxicity

Acute aquatic toxicity : not classified

Chronic aquatic toxicity : not classified

For the component with $\geq 0.1 - \leq 1$ w% dibutyl dilaurate (77-58-7) the following applies:
LC50/96 h 3.1 mg/L (Brachydanio rerio)
EC50 0.463 mg/L (Daphna magna)
EC 50 1.0 mg/L (Scenedesmus subspicatus)

12.2 Degradability and persistence

Material is inert and not degradable

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12.3 Bioaccumulation potential

No information available

12.4 Mobility in the soil

No information available

12.5 Results of PBT and vPvB assessment

no information available

12.6 Endocrine disrupting properties

no information available

12.7 Other adverse effects

no information available

SECTION 13: Disposal instructions

Avoid release into the environment. Prevent the spread and runoff of released material as well as contact with soil, waterways, drains, and sewers. Dispose of contents and container in accordance with all local, regional, national, and international regulations. Contact an authorized waste disposal contractor. Empty containers may be recycled in accordance with national regulations.

SECTION 14: Transport information

This product is not classified as dangerous of transport.

14.1 UN number:

Not classified as dangerous goods

14.2 Proper UN shipping designation:

Not classified as dangerous goods

14.3 Transport hazard class:

Not classified as dangerous goods

14.4 Packaging group:

Not classified as dangerous goods

14.5 Environmental hazards

Not classified as dangerous goods

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14.6 Special precautions for user

Land transport (ADR/RID) : no dangerous goods

Sea transport (IMDG code) : no dangerous goods

14.7 Transport in bulk as per Annex II of the MARPOL Convention and as per IBC Code

not applicable

SECTION 15: Regulations

15.1 Regulations on safety, health and environmental protection/specific legislation for the substance and mixture

EU guidelines : Regulation (EU) No 2023/2055
Regulation (EU) No. 2020/878
Regulation (EC) No 1272/2008
Regulation (EC) No 1907/2006
Regulation (EU) No 453/2010

Water hazard class (Germany) : No information available

National regulations : No information available

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Concentration of synthetic polymer microparticles in the substance or mixture : 70-90 %

General information on the identity of the polymers contained in the substance or mixture : Polymers of ethylene

15.2 Chemical safety assessment

A chemical safety assessment has not been performed.

Instructions on use and disposal explaining to industrial downstream users how to prevent the release of synthetic polymer microparticles into the environment can be found in Sections 6, 7, and 13.

SECTION 16: Other information

Full text of other acronyms

ACGIH : American Conference of Governmental Industrial Hygienists

ADR : European Agreement concerning the International Carriage of Dangerous Goods

