

DOW CORNING(R) 1 CATALYST (CATALYST information is below)**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

| | | | | |
|-------------------------------|---|---|---------------------|---------------------|
| Trade name | : | DOW CORNING(R) 1 CATALYST (CATALYST information is below) | | |
| Company | : | Dow Corning S.A. Parc Industriel - Zone C B-7180 Seneffe Belgium | | |
| Service | : | Dow Corning Central Europe | Tel: +49 6112371 | Fax: +49 611237609 |
| | | Dow Corning Northern Europe | Tel: +44 1676528000 | Fax: +44 1676528001 |
| | | Dow Corning Southern Europe | Tel: +33 472841360 | Fax: +33 472841379 |
| Emergency Phone Number | : | Dow Corning (Barry U.K. 24h) | Tel: +44 1446732350 | |
| | | Dow Corning (Wiesbaden 24h) | Tel: +49 61122158 | |
| | | Dow Corning (Seneffe 24h) | Tel: +32 64 888240 | |

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Tin salt

Hazardous Ingredients:

| Name | CAS-No. | EINECS/ ELINCS No. | Conc. (% w/w) | Classification | |
|---------------------------------|---------|-------------------------|---------------|----------------|---------------------|
| Dibutyltin dilaurate | 77-58-7 | 201-039-8 | 5.0 | Xn N | R20/21/22 R51/53 |
| Dibutyltin Dilaurate impurities | - | Exempt or not available | <=0.3 | N | R51/53 |

3. HAZARDS IDENTIFICATION**The principal hazards of the product as supplied are:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

| | | |
|-----------------------------|---|--------------------------------|
| On contact with eyes | : | Flush with water. |
| On skin contact | : | Flush with water. |
| If inhaled | : | Remove to fresh air. |
| On ingestion | : | No first aid should be needed. |

DOW CORNING(R) 1 CATALYST (CATALYST information is below)**5. FIRE FIGHTING MEASURES**

- Suitable extinguishing media** : Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers.
- Unsuitable extinguishing media** : None known.
- Hazards during fire fighting** : None known.
- Special protective equipment/procedures** : A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
- Hazardous Combustion Products** : Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal products.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Do not empty into drains. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- Methods for cleaning up** : Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

- Advice on safe handling** : General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour. Local ventilation is recommended.
- Advice on storage** : Do not store with oxidizing agents.
- Specific uses** : Refer to technical data sheet available on request.
- Unsuitable packaging materials** : None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls** : Ventilation : Refer to Section 7

Exposure controls for hazardous components

| Name | CAS-No. | Exposure Limits |
|------|---------|-----------------|
|------|---------|-----------------|

DOW CORNING(R) 1 CATALYST (CATALYST information is below)**10. STABILITY AND REACTIVITY**

| | | |
|---|---|---|
| Stability | : | Stable under normal usage conditions. |
| Conditions to avoid | : | None established. |
| Materials to avoid | : | Can react with strong oxidising agents. |
| Hazardous decomposition products | : | See section 11. |

11. TOXICOLOGICAL INFORMATION

| | | |
|--|---|---|
| On contact with eyes | : | May cause temporary discomfort. |
| On skin contact | : | No adverse effects are normally expected. |
| If inhaled | : | May cause drowsiness. |
| On ingestion ³ | : | Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort. |
| Other Health Hazard Information | : | Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm). |

¹ Based on product test data.² Based on test data from similar products.**12. ECOLOGICAL INFORMATION****Environmental fate and distribution**

Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

Ecotoxicity effects

Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

Bioaccumulation : Organotin compounds can bioaccumulate.

Fate and effects in waste water treatment plants

The siloxanes in this product do not contribute to the BOD. Removed > 90% by binding onto sewage sludge. No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATIONS

Product disposal : Dispose of in accordance with local regulations.

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Packaging disposal : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**Road / Rail (ADR/RID)**

UN No. : 3082

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.
(Contains DIBUTYLTIN DILAURATE)

Class : 9

Packing group : III

Trem-Card : 90GM6-III

Labels : ADR DANGER LABEL MODEL NO 9

Sea transport (IMDG)

UN No. : 3082

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.
(Contains DIBUTYLTIN DILAURATE)

Class : 9

Packing group : III

Medical First Aid Guide (MFAG) : REFER TO THE EMERGENCY ACTION TABLE OF MFAG

Marine pollutant : DIBUTYLTIN DILAURATE

Labels : MISCELLANEOUS(CLASS 9)
MARINE POLLUTANT

Air transport (IATA)

Not subject to IATA regulations.

DOW CORNING(R) 1 CATALYST (CATALYST information is below)**15. REGULATORY INFORMATION****Labelling according to EEC Directive**

R-phrases : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases : S24 Avoid contact with skin.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

National legislation / regulations

Ozone depleting chemicals : No ozone depleting chemicals are present or used in manufacture.

Status

EINECS : All ingredients listed or exempt.

TSCA : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Dow Corning Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Dow Corning shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Dow Corning supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Dow Corning supplier.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed., **R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.