

I. Product Identification

Product Name **Deactivator**

Distributor..... **Deco-Crete Supply**

Address **133 North Kohler Rd**

City, State, Zip..... **Orrville, Ohio 44667**

Last Updated.....June 14, 2013

Emergency Phone **800-535-5053**

Business Phone **330-682-5678**

Business Fax..... **330-682-7907**

2: Hazards identification

2.1. Classification of the substance or mixture

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.2. Label elements

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Retarder in aqueous solution

4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After inhalation

Remove casualty to fresh air and keep warm and at rest. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink large quantities of water. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No symptoms known up to now.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Foam. Carbon dioxide (CO₂). Extinguishing powder.

Extinguishing materials should be selected according to the surrounding area.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product itself is not combustible.

Can be released in case of fire: Carbon dioxide (CO₂). Carbon monoxide.(CO).

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
 - Wear personal protection equipment.
- 6.2. Environmental precautions
 - Do not empty into drains or the aquatic environment.
 - Do not allow to enter into soil/subsoil.
- 6.3. Methods and material for containment and cleaning up
 - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
 - Treat the assimilated material according to the section on waste disposal .
- 6.4. Reference to other sections
 - Additional information: Refer to chapter 8.

7: Handling and storage

- 7.1. Precautions for safe handling
 - Advice on safe handling
 - Provide adequate ventilation. Do not breathe vapour or spray. Avoid contact with skin, eye and clothing.
 - Advice on protection against fire and explosion
 - No special precautionary measures are necessary.
 - Further information on handling
 - Additional information: Refer to chapter 8.
- 7.2. Conditions for safe storage, including any incompatibilities
 - Requirements for storage rooms and vessels
 - Keep container tightly closed and in a well-ventilated place.
 - Storage temperature: 5 - 35 °C
 - Further information on storage conditions
 - Packaging materials: polyethylene. Stainless steel.

8: Exposure controls/personal protection

- 8.1. Control parameters
- 8.2. Exposure controls
 - Occupational exposure controls
 - Provide adequate ventilation.
 - Protective and hygiene measures
 - Avoid contact with skin and eyes. Do not breathe gas/vapour/spray. Change contaminated clothing.
 - Wash hands before breaks and at the end of work. When using do not eat or drink.
 - Respiratory protection
 - With correct and proper use, and under normal conditions, breathing protection is not required.
 - Hand protection
 - Pull-over gloves of rubber. (DIN EN 374 / NBR (Nitrile rubber).)
 - Eye protection
 - Tightly sealed safety glasses. (DIN EN 166)
 - Skin protection
 - Only wear fitting, comfortable and clean protective clothing.
 - Environmental exposure controls
 - Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid

Colour: see label

Odour: odourless

Test method

pH-Value: 2 - 4

Changes in the physical state

Melting point: 0 °C

Boiling point: 100 °C

Flash point: not applicable

Explosive properties

not explosive.

Ignition temperature: not applicable

Oxidizing properties

Not oxidizing.

Vapour pressure: 23 hPa

(at 20 °C)

Density (at 20 °C): ca. 1,0 g/cm³

Water solubility: miscible.

Partition coefficient: not determined

Flow time: not determined

10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

heat. frost.

10.6. Hazardous decomposition products

No risks worthy of mention.

11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

There are no data available on the preparation/mixture itself.

Irritation and corrosivity

Following eye contact: slightly irritant but not relevant for classification.

Frequently or prolonged contact with skin may cause dermal irritation.

Sensitising effects

no danger of sensitization.

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

12.2. Persistence and degradability

Organic part of product is bio-degradable.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

With water complete miscible.

12.5. Results of PBT and vPvB assessment

On the basis of existing data about disposal/decomposition and bio-accumulation potential, long term environmental damage is unlikely.

12.6. Other adverse effects

There are no data available on the mixture itself.

Further information - The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

Do not allow uncontrolled leakage of product into the environment.

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13: Disposal considerations

Advice on disposal

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

080120 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packings can be re-cycled.

14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO)

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

Dangerous for the environment: no

15: Regulatory information

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

EU regulatory information

Additional information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

16: Other information

Further Information

The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.