

SAFETY DATA SHEET 91/155/EEC.

HEBAU GmbH

Print date: 20.06.2008

CSE-deactivator pro

Page 1 of 7

1. Identification of the substance/preparation and company

1.1 Commercial product name

CSE-deactivator pro 01-400

Use of the substance/preparation
Exposd aggregate concrete deactivator

1.2 Information manufacturer/supplier

HEBAU GmbH
An der Eisenschmelze 13
D-87527 Sonthofen
Tel. ++49-8321-67360
Fax. ++ 49-8321-673636

2. Composition/information on ingredients

Chemical characterization: (preparation)
Preparation in aliphatic hydrocarbons

Hazardous comonents

(Full text of each relevant R phrase can be found in heading 16)

EC No.	CAS No.	Components	Value	Symbols	R-phrases
272-489-0	68855-54-9	keselgur	10 - 15 %	Xn	R68/20
201-069-1	5949-29-1	citric acid, monohydrate	10 - 15 %	Xi	R36
265-151-9	64742-49-0	Naphta (Erdöl)	35 - 40 %	F, N, Xi, Xn	R11-38 51/53-65-67

3. Hazards identification

Symbols: Highly flammable, Irritant, Dangerous for the enviroment

R-phrases:

Highly flammable.

Irritating to skin.

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

Vapours may cause drowsiness and dizziness.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.

Treat subsequently with skin cream.

Consult a doctor if skin irritation presists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical treatment by eye specialist.

After ingestion

Induce vomiting only upon the advice of a physician.
Do not induce vomiting.
Drink plenty of water.
Summon a doctor immediately.

Advice to doctor

Attention! Beware, danger of aspiration!

5. Fire-fighting measures**Suitable extinguishing media**

Foam, carbon dioxide (CO₂), dry chemical, water-spray

Extinguishing media that must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire may produce:
Carbon monoxide and carbon dioxide.

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.

Additional information

Vapours are heavier than air and spread along ground.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Cool containers at risk with water spray jet.

6. Accidental release measures**Personal precautions**

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Remove persons to safety.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.

Additional information

Clean contaminated surface thoroughly.

7. Handling and storage**Advice on safe handling**

Keep container tightly closed.
Vapours are heavier than than air and spread along ground.

Avoid contact with the skin and the eyes.
Avoid any dust formation during processing.
Use only in thoroughly ventilated areas.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.
Don't smoke.
Take measures against electrostatically charging.
Use only explosion-proof equipment.

7.2 Storage**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.
Pay attention to anti-explosion rules.

Advice on storage compatibility

Incompatible with: oxidizing agents

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storage class (VCI): 3 A

8. Exposure controls/personal protection**8.1 Exposure limit values****8.2 Exposure controls****Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Do not inhale vapours.
Wash hands before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.
Treat subsequently with skin cream.
Take off immediately all contaminated clothing.
Avoid contact with skin, eyes and clothing.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Tightly fitting goggles

Body protection

Chemical resistant apron
Long sleeved clothing.

9. Physical and chemical properties**9.1 Appearance**

Form:liquid

Colour: various

Odour: hydrocarbon-like

9.2 Important health, safety and environmental information**Test method****Change in physical state:**

Boiling-point:	100 – 140	°C	
Flash point: Flammability	1	°C	
Ignition temperature:	> 260	°C	
Lower Explosion limit:	0,9	vol. %	
Vapour pressure: (at 20 °C)	35	hPa	
Density: (at 20 °C)	< 1	g/ml	
Water solubility: (20 °C)	immiscible	g/l	
Flow time: (at 23 °C)	> 30 s		3 DIN/ISO 2431

Further information

10. Stability and reactivity**Conditions to avoid**

To avoid thermal decomposition, do not overheat.
Vapour/air mixtures are explosive at intensive warming.
Heating can release vapours which can be ignited.

Materials to avoid

strong oxidizing agents

Hazardous decomposition products

Carbon monoxide and carbon dioxide

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Irritation to skin.

Vapours may cause drowsiness and dizziness.

Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Attention! Beware, danger of aspiration!

SAFETY DATA SHEET 91/155/EEC.

HEBAU GmbH
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CSE-deactivator pro

Page 5 of 7

Additional information

Product containing kieselgur. Kieselgur in a dustlike form is classified by the manufacturer as "Harmul: danger of serious damage to health by prolonged exposure through inhalation".

12. Ecological information

Additional information

Do not flush into surface water or sanitarysewer system.

Slightly water hazardous.

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

13. Advice on disposal

Dispose

Where possible recycling is preferred to disposal

Can be incinerated, when in compliance with local regulation.

Waste disposal number of Waste from residues / unused product: 080299

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND RINTING INKS; wastes from MFSU of other coatings (including ceramic materials); wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

14.1 Land transport (ADR/RID)

ADR/RID:	3
Hazard-no.:	33
UN number:	1866
Hazard label:	3
ADR packaging group:	II

Description of the goods:

RESIN SOLUTION

Remarks

"LQ 6: combination packaging: 5 l / 20 l; trays: 1 l / 20 l (20 kg total gross mass)"

14.2 Inland waterways transport

14.3 Marine transport

IMDG-Code:	3
UN number	1866
EMS:	F-E; S-E
Packaging group:	II
Marine pollutant:	No

Description of the goods

RESIN SOLUTION

Hazard label: 3

SAFETY DATA SHEET 91/155/EEC.

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CSE-deactivator pro

Page 6 of 7

Remarks

Limited quantities (chapter 3.4): combination packaging: 1 l /30 kg (total gross mass); trays: 1 l /20 kg (total gross mass)

14.4 Air transport

ICAO/IATA-DGR: 3
UN/ID number: 1866
Hazard label: 3

IATA-packing instructions – passenger: 305
IATA-max. quantity – passenger: 5 L
IATA-packing instructions – Cargo: 307
IATA-max. quantity – Cargo: 60 L

ICAO-packaging group: II

Description of the goods

RESIN SOLUTION

14.5 Further Information

15. Regulatory information

15.1 Labelling

Indication of danger

F – Highly flammable; Xi – Irritant; N – Dangerous for the environment

Labelling according to EC-guidelines

A classification under Xn – harmful, R48/20 has been disclaimed because of the absense of inhalation risk with kieselguhr in this form.

According to EC-regulations the product is to be labelled as follows:

R phrases

11-38-51/53-67

Highly flammable.

Irritating to skin.

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

Vapours may cause drowsiness and dizziness.

S phrases

09-16-23-61-24/25-29/35

Keep container in a well-ventilated place.

Keep away from sources of ignition – No smoking.

Do not breathe vapour.

Avoid release to the environment. Refer to special instructions / Safety data sheets.

Avoid contact with skin and eyes.

Do not empty into drains; dispose of this material and its container in a safe way.

15.2 National regulations

Water contaminating class: 1 – slightly water contaminating
1999/13/EC (VOC): < 40 %

16. Other information**List of relevant R phrases**

- 11 Highly flammable.
- 36 Irritating to eyes.
- 38 Irritating to skin
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 68/20 Harmful: possible risk of irreversible effects through inhalation.

Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n. a. – not applicable, n. d. - not determined)