

## SAFETY DATA SHEET

## HYDRA 1K SVINDFRI

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

## 1.1. Product identifier

## Productname:

HyDra 1K Svindfri

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

## Relevant identified uses:

Water-borne bitumen

## 1.3. Details of the supplier of the safety data sheet

## Supplier:

HauCon A/S

Lægårdsvej 19

DK-8520 Lystrup

Telefon +45 86 22 93 93

CVR-1237 6545

www.haucon.dk

## Contactperson:

SDS@haucon.dk

## 1.4. Emergency telephone number

Poison line (Giftlinjen): + 45 82 12 12 12 - 24 hours emergency telephone

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not

## 2.2. Label elements

## Symbols:

None

## Signal word:

None

## Contain:

None

## H-sentence:

None

## P-sentence:

None

## 2.3. Other hazards

## Other hazards:

No

## SECTION 3: Composition / information on ingredients

## 3.2. Mixtures

% w/w	Substance:	CAS-No:	EC-No:	Classification: EC 1272/2008(CLP):	Note
20-25	free crystalline silica ( $\varnothing > 10 \mu\text{m}$ )	CAS: 14808-60-7	238-878-4	-	-

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Ingestion

A suspension of activated charcoal in water, or petroleum jelly may be administered.

Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.

#### Inhalation

Remove casualty to fresh air and keep warm and at rest.

#### Skin contact

Wash with plenty of water and soap.

#### Eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wash immediately with water for at least 10 minutes.

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

No specific hazards are encountered under normal product use.

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

See section 4.1

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

None in particular.

#### Unsuitable extinguishing media:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

The product does not present a fire hazard

Do not inhale explosion and combustion gases.

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Limit leakages with earth or sand.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

Retain contaminated washing water and dispose it.

#### 6.4. Reference to other sections

See also section 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Fine dust may form explosive mixture with air. Keep away from open flames, heat and sparks.

Do not remove shrink film in hazardous locations (because of risk of static charging/discharge)

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials: None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

Store above 5°C.

### 7.3. Specific end use(s)

None in particular

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Acc. Danish regulation, BEK no 507 of 17/05/2011 no control parameters for

Free crystalline silica ( $\text{Ø} > 10 \mu\text{m}$ ) - CAS: 14808-60-7

ACGIH - LTE  $\text{mg}/\text{m}^3(8\text{h})$ : 0.025  $\text{mg}/\text{m}^3$  - Notes: A2 (R) - Pulm fibrosis, lung cancer

### 8.2. Exposure controls

#### Personal protection equipment

should comply with relevant CE standards (as EN 374 for gloves and

EN 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

#### Respiratory protection

Not needed for normal use.

In case of insufficient ventilation use mask with B type filters (EN 14387).

#### Hand protection

Not needed for normal use.

#### Eye/face protection

Not needed for normal use. Anyway, operate according good working practices.

#### Body protection

No special precaution must be adopted for normal use.

#### Environmental exposure controls

None

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state:**

Black paste

**Odour:**

Typical

**Odour threshold:**

N.A.

**Relative density:**
0,65 g/cm<sup>3</sup> (23°C)
**pH:**

10

**Melting point/freezing point:**

Not relevant

**Initial boiling point and boiling range:**

100 °C

**Partition coefficient: noctanol/water:**

N.A.

**Evaporation rate:**

N.A.

**Flammability (solid, gas):**

N.A.

**Upper/lower explosion limit:**

Not relevant

**Vapour pressure:**

N.A.

**Vapour density:**

N.A.

**Explosive properties:**

Not relevant

**Solubility in water**

Dispersible

**Flash point:**

N.A.

**Ignition temperature:**

N.A.

**Decomposition temperature:**

N.A.

**Viscosity:**

300000 mPa.s (23°C)

**Oxidizing potential:**

N.A.

### 9.2. Other information

No other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions

### 10.5. Incompatible materials

None in particular

### 10.6. Hazardous decomposition products

None

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Route(s) of entry:**

Ingestion: Yes

Inhalation: No

Contact: No

**Toxicological information related to the product:**

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information of the mixture: N.A.

Toxicological information of the main substances found in the mixture: N.A.

Corrosive/Irritating Properties: Eye:

The product can cause a temporary irritation by contact.

Sensitizing Properties:

No effects are known.

Cancerogenic Effects:

No effects are known.

Mutagenic Effects:

No effects are known.

Teratogenic Effects:

No effects are known.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good industrial practices, so that the product is not released into the environment.

Not available data on the mixture

Aquatic toxicity: the preparation is not to be considered toxic to the aquatic environment based on components.

LC50>100mg/l - aquatic species (calculated data following 1999/45/EC Directive).

### 12.2. Persistence and degradability

N.A.

### 12.3. Bioaccumulative potential

Not readily biodegradable

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

List of substances dangerous for the environment and corresponding classification:

29 ppm octhilonone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1

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

EC<sub>50</sub> (Daphnia): 0.32 mg/l (48 hr)

EC<sub>50</sub> (Algae): 0.031 mg/l (72 hr)

LC<sub>50</sub> (Fish): 0.047 mg/l (96 hr)

1 ppm 1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5

Very toxic to aquatic organisms.

EC<sub>50</sub> (Daphnia): 3.7 mg/l (48 hr)

EC<sub>50</sub> (Algae): 0.37 mg/l (72 hr)

**vPvB Substances:** None - **PBT Substances:** None

### 12.6. Other adverse effects

Not available data on the mixture

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

Disposal of not hardened product (EC waste code) : 08 04 10

The suggested European waste code is just based on the composition of the product.

According to the specific process or application field a different waste code may be necessary.

### Waste code

H

## SECTION 14: Transport information

### 14.1. UN-number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

Not relevant

### 14.3. Transport hazard class(es)

Not relevant

### 14.4. Packing group

Not relevant

### 14.5. Environmental hazards

Not relevant

### 14.6. Special precautions for user

Not relevant

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

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

MAL-Code 1993:

00-1

### 15.2. Chemical Safety Assessment

No

## SECTION 16: Other information

### Revision:

Date: 2017.03.07

This safety data sheet is conducted in accordance with Danish law and regulations