

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

D.C. Block Hardener

Product no.

383

REACH registration number

-

Other means of identification

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

Relevant identified uses of the substance or mixture

NA

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

J. P. Hansens eff. ApS

K.E. Møller Jensen

Præstetofte 3

5471 Sønderød

Tlf: 6489 1088

Contact person

Mette Borg

E-mail

mb@iduna.dk

SDS date

09-12-2015

SDS Version

4.0

1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified as dangerous.

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)

-

Hazard statement(s)

-

▼ Safety statement(s)	General	-
	Prevention	-
	Response	-



Storage -
Disposal -

Identity of the substances primarily responsible for the major health hazards

2.3. Other hazards

Additional labelling

-

Additional warnings

-

VOC

-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME: Water
IDENTIFICATION NOS.: CAS-no: 7732-18-5
CONTENT: 80-95%
CLP CLASSIFICATION: NA

NAME: Silicic acid, sodium salt
IDENTIFICATION NOS.: CAS-no: 1344-09-8 EC-no: 215-687-4
CONTENT: 3-5%
CLP CLASSIFICATION: Met. Corr. 1, STOT SE 3, Skin Irrit. 2, Eye Dam. 1
H290, H315, H318, H335

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

Other informations

Eye Cat. 1 Sum = Sum(Ci/S(G)CL) = 4,8 - 7,2
Skin Cat. 2 Sum = Sum(Ci/S(G)CL) = 1,44 - 2,16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a physician, if there is doubt about the injured persons condition, or the symptoms continuous. Do not ever give the unconscious person water or alike.

Inhalation

Lead the person into fresh air and keep the person under watch.

Skin contact

Remove contaminated clothing and shoes at once. If there has been contact to some skin, wash is thoroughly with water and soap.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C), until irritation cease and for at least 15 min.

Ingestion

Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the persons head, so that vomit do not run back into the mouth or throat.

Burns

Not applicable

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

Non specific.



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

Non specific.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommendation: alcohol resistant foam, carbonic acid, powder, fog. Usage of a water beam is forbidden, since it can spread the fire.

5.2. Special hazards arising from the substance or mixture

Non specific.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific demands.

6.2. Environmental precautions

No specific demands.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. If possible, clean with cleaning supplies. Solvents should be avoided.

6.4. Reference to other sections

See section 13 regarding handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in the same container as the original material.

▼ Storage temperature

Frost-free.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

No data available.

8.2. Exposure controls

In case the product is used in a standard fashion, no control is necessary.

General recommendations

▼ Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

No limits on explosion exits, for the content of the substances in this product.



Appropriate technical measures

Hygiene measures

When taking breaks, while using this product, and when work sub seeds, all exposed areas of the body has to be washed.

Measures to avoid environmental exposure

No specific demands.

Individual protection measures, such as personal protective equipment

-

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific demands.

Skin protection

No specific demands.

Hand protection

No specific demands.

Eye protection

No specific demands.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm ³)
Liquid	-	-	10,8	-	1,018

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-

Explosion limits (Vol %)	Oxidizing properties
-	-

Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in section 7.

10.3. Possibility of hazardous reactions

Non specific.

10.4. Conditions to avoid

Overpressure develops, when exposed to heating (e.g.. sunlight).

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information



11.1. Information on toxicological effects

Acute toxicity

Substance
No data available.

Species

Test

Route of exposure

Result

▼ **Skin corrosion/irritation**

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Non specific.

SECTION 12: Ecological information

▼ **12.1. Toxicity**

Substance
Silicic acid, sodium salt

Species
Daphnia

Test
EC50

Test duration
48h

Result
4857 mg/l

12.2. Persistence and degradability

Substance
No data available.

Biodegradability

Test

Result

12.3. Bioaccumulative potential

Substance
No data available.

Potential bioaccumulation

LogPow

BFC

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Non specific.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not included in the regulation of dangerous waste.

Waste

EWC code

-

Specific labelling

-

Contaminated packing

No specific demands.



SECTION 14: Transport information

Non dangerous goods, referring to ADR and IMDG.

14.1 – 14.4

ADR/RID

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

Notes

Tunnel restriction code

IMDG

UN-no.

Proper Shipping Name

Class

PG*

EmS

MP**

Hazardous constituent

IATA/ICAO

UN-no.

Proper Shipping Name

Class

PG*

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

-

Demands for specific education

-

Additional information

Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3



According to EC-Regulation 1907/2006 (REACH)



H290 - May be corrosive to metals.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

-

Other symbols mentioned in section 2

-

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

mb

**Date of last essential change
(First cipher in SDS version)**

16-10-2014

**Date of last minor change
(Last cipher in SDS version)**

09-12-2015

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