
SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: Sobo Power

UFI: 3420-H0WS-400J-XAKF

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

Use of the substance/mixture: Surface treatment, Lubricant

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Oil Technics Ltd

Address of Supplier: Linton Business Park
Gourdon
Aberdeenshire
DD10 0NH
Scotland, United Kingdom

Telephone: +44 (0) 1561 361515

Responsible Person: Steven Pitt

Email: Info@oiltechnics.com

1.4 Emergency telephone number

Emergency Telephone: +44 (0) 1561 361515 (24 Hours)

ABSCHNITT 2: Hazards identification

2.1 Classification of the substance or mixture

CLP: Skin Irrit. 2, Eye Dam. 1

2.2 Label elements



Signal Word: Danger

Hazard statements

Causes skin irritation (H315).

Causes serious eye damage (H318).

Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection (P280).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

Immediately call a POISON CENTER or doctor/physician (P310).

Wash hands thoroughly after handling (P264).

IF ON SKIN: Wash with plenty of soap and water (P302+P352).

If skin irritation occurs: Get medical advice/attention (P332+P313).

Take off contaminated clothing and wash it before reuse (P362+P364).

2.3 Other hazards

Contains: Alcohols, C9-11, ethoxylated

ABSCHNITT 3: Composition/information on ingredients**3.2 Mixtures****disodium metasilicate**

CAS Number: 6834-92-0
EC Number: 229-912-9
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Corr. 1B, STOT SE 3
Symbols: GHS05;GHS07
H Statements: H335;H314

Sodium hydroxide

CAS Number: 1310-73-2
EC Number: 215-185-5
Concentration: 1% - 10%
Specific Concentration Limits: Skin Corr. 1A; H314: $C \geq 5\%$
Skin Corr. 1B; H314: $2\% \leq C < 5\%$
Skin Irrit. 2; H315: $0,5\% \leq C < 2\%$
Eye Irrit. 2; H319: $0,5\% \leq C < 2\%$
M factor:
Acute toxicity estimate:
Categories: Skin Corr. 1A
Symbols: GHS05
H Statements: H314

Alcohols, C9-11, ethoxylated

CAS Number: 68439-46-3
EC Number: 614-482-0
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05, GHS07
H Statements: H302, H318

D-Glucopyranose, oligomeric, C9-11-alkyl glycosides

CAS Number: 132778-08-6
EC Number: 603-654-0
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Dam. 1
Symbols: GHS05

ABSCHNITT 3: Composition/information on ingredients (....)

H Statements:

H315, H318

ABSCHNITT 4: First aid measures**4.1 Description of first aid measures**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin
- May cause severe irritation

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
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ABSCHNITT 5: Firefighting measures**5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- Contains alkali
- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
 - Wear chemical protection suit and positive-pressure breathing apparatus
 - Wear full protective clothing including chemical protection suit
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ABSCHNITT 6: Accidental release measures**Spillage causes slippery surface****6.1 Personal precautions, protective equipment and emergency procedures**

- Contain spillage by any means possible
- Wear protective clothing as per section 8
- Wear eye/face protection

6.2 Environmental precautions

- Use appropriate containment to avoid environmental contamination
- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Do not empty into drains

6.3 Methods and material for containment and cleaning up

- Absorb spillage in dry sand
- Absorb spillage in earth or sand
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 8
 - See Section 8 and 13
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ABSCHNITT 7: Handling and storage**7.1 Precautions for safe handling**

- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)

ABSCHNITT 7: Handling and storage (....)

- No information available

ABSCHNITT 8: Exposure controls/personal protection**8.1 Control parameters**

SODIUM METASILICATE PENTAHYDRATE

DNEL

Exposure	Value	Population	Effect
Inhalation	6.22mg/m3	Workers	Systemic
Dermal	1.49mg/kg bw/day	Workers	Systemic
Inhalation	1.55mg/m3	Consumers	Systemic
Dermal	0.74mg/kg bw/day	Consumers	Systemic
Oral	0.74mg/kg bw/day	Consumers	Systemic

PNEC

Exposure	Value	Population	Effect
Fresh water	7.5mg/l	-	-
Marine water	1mg/l	-	-
intermittent releases	7.5mg/l	-	-
STP	1000mg/l	-	-

8.2 Exposure controls

- Wear butyl rubber gloves, boots and apron
 - Wear protective gloves/protective clothing/eye protection/face protection.
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ABSCHNITT 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Green
Odour:	Perceptible odour
Melting point/Range:	Not available
Boiling Point/Range:	Not available
Flammability:	Non-flammable
pH:	>11.5
Solubility in water:	Completely soluble in water
Density:	1.070
Flashpoint:	>93°C

9.2 Other information

- No information available

ABSCHNITT 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid contact with skin and eyes
- Keep away from heat

10.5 Incompatible materials

ABSCHNITT 10: Stability and reactivity (....)

- Incompatible with acid
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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ABSCHNITT 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

ALCOHOLS C9-11, ETHOXYLATED
DERMAL - LD50 >2000 mg/kg
ORAL - LD50 >300, <2000 mg/kg

ALKYLPOLYGLYCOSIDE C9-11
ORAL - LD50 2000 mg/kg

SODIUM HYDROXIDE (>5%)
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

Skin corrosion/irritation

May cause redness and irritation
May cause severe irritation
No information available

Serious eye damage/irritation

In extreme cases ocular damage caused
May cause redness and irritation
Possible risk of irreversible effects

Respiratory or skin sensitisation

No information available but must be considered harmful

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

No information available

11.2 Information on other hazards

- No information available

ABSCHNITT 12: Ecological information

12.1 Toxicity

ALCOHOLS C9-11, ETHOXYLATED
ALGAE LL/EL/IL50 >100 mg/l
Daphnia magna LL/EL/IL50 1-10 mg/l
FISH LL/EL/IL50 1-10 mg/l

ALKYLPOLYGLYCOSIDE C9-11
FISH 96H LC50 10 mg/l

SODIUM HYDROXIDE (>5%)
DAPHNIA 48H EC50 40.4 mg/l
Gambusia affinis 96H LC50 125 mg/l
Photobacterium phosphoreum 15min LC50 22 mg/l
Poecilia reticulata 24H LC50 145 mg/l

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- No information available
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ABSCHNITT 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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ABSCHNITT 14: Transport information

14.1 UN number or ID number

UN No.: Not applicable

14.2 UN proper shipping name

Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

Hazard Class: Not applicable

14.4 Packing group

Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not classified as hazardous for transport

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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ABSCHNITT 15: Regulatory information

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

- Not hazardous according to current ADR Regulations

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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ABSCHNITT 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.