
SAFETY DATA SHEET

SECTION 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)

SECTION 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).

Specific treatment (see (P321)

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: Water

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

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

2-(2-BUTOXYETHOXY)ETHANOL

CAS Number: 112-34-5
EC Number: 203-961-6
Concentration: 1 - 10 %
Categories: Eye Irrit. 2
Symbols: GHS07
H Statements: H319
REACH Registration Number: 01-2119475104-44-XXXX

Alcohols, C9-11, ethoxylated

CAS Number: 68439-46-3
EC Number: 614-482-0
Concentration: 1 - 10 %
Categories: 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 %
Categories: Skin Irrit. 2, Eye Dam. 1
Symbols: GHS05
H Statements: H315, H318

Sodium hydroxide

CAS Number: 1310-73-2
EC Number: 215-185-5
Concentration: < 1 %
Specific Concentration Limits: Skin Corr. 1A; H314: C ≥ 5 %
Skin Corr. 1B; H314: 2 % ≤ C < 5 %
Skin Irrit. 2; H315: 0,5 % ≤ C < 2 %
Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %
Categories: Skin Corr. 1A
Symbols: GHS05
H Statements: H314

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

If skin irritation occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water.

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.

SECTION 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

SECTION 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 and 13

SECTION 6: Accidental release measures (....)

See Section 8

See Section 8 and 13

SECTION 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)

No information available

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

SODIUM METASILICATE PENTAHYDRATE

DNEL

Exposure	Value	Population	Effect
Inhalation	6.22mg/m ³	Workers	Systemic
Dermal	1.49mg/kg bw/day	Workers	Systemic
Inhalation	1.55mg/m ³	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.

SECTION 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

SECTION 9: Physical and chemical properties (....)

SECTION 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

Incompatible with acid

Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

No hazardous decomposition products known

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

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

SECTION 11: Toxicological information (....)**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**

SECTION 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**

SECTION 12: Ecological information (....)

SECTION 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

SECTION 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

SECTION 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

SECTION 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. H319: Causes serious eye irritation. 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.