

SAFETY DATA SHEET

Soda Blasting Media

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 18.12.2015

Revision date 17.02.2016

1.1. Product identifier

Product name Soda Blasting Media

CAS no. 144-55-8

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

Function Chemical intermediate.

1.3. Details of the supplier of the safety data sheet

Company name JWL Maskin & Plastfabrik A/S

Postal address Teknikervej 4

Postcode 8722

City Hedensted

Country Danmark

Tel +45 7589 1699

E-mail salg@jwl.dk

Website <http://www.jwl.dk>

1.4. Emergency telephone number

Emergency telephone CHEMTREC (Non Toll-Free):+1-703-527-3887 (Global)
CHEMTREC (Toll-Free):1-800-424-9300 (USA and Canada)

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification notes CLP The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures (1272/2008).

2.2. Label elements

2.3. Other hazards

PBT / vPvB The substance does not meet the criteria for PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Sodium hydrogencarbonate	CAS no.: 144-55-8 EC no.: 205-633-8		100 %

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If medical advice is needed, have product container or label at hand.
Inhalation	Get medical advice/attention if you feel unwell.
Skin contact	Take off contaminated clothing and wash before reuse. Rinse skin with water/shower. Seek medical advice in case of persistent discomfort.
Eye contact	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Ingestion	Rinse mouth. Get medical advice/attention if you feel unwell.

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

Information for health personnel May cause slight irritation to the skin and eyes.

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

Other Information No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist.
 Improper extinguishing media Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Hazardous fumes are formed in fire conditions.

5.3. Advice for firefighters

Other Information If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Extinguishing water which has been in contact with the product may be corrosive.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Use personal protective equipment as required.

6.1.1. For non-emergency personnel

Emergency procedures Stop leak if safe to do so.

6.2. Environmental precautions

Environmental precautionary measures Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Cleaning method Collect spillage.

6.4. Reference to other sections

Other instructions See section 8 for type of protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling The product should be used under well-ventilated conditions and preferably under process ventilation. Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in a dry area. Keep out of reach of children.

7.3. Specific end use(s)

Specific use(s) See application section 1.

Specific end users

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Sodium hydrogencarbonate	CAS no.: 144-55-8 EC no.: 205-633-8		

8.2. Exposure controls

Limitation of exposure on workplace Wash hands before breaks, before using restroom facilities, and at the end of work.

Respiratory protection

Respiratory protection In case of insufficient ventilation, wear respiratory protective equipment with filter P2.

Hand protection

Hand protection Plastic or rubber gloves recommended.

Suitable materials nitrile rubber.

Eye / face protection

Eye protection Wear safety goggles if there is a risk of dust contact with eyes.

Skin protection

Skin protection (except hands) Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	White
Odour	Odourless
pH (aqueous solution)	Value: 8,6
Specific gravity	Value: 2,159 Test temperature: 25 °C
Solubility in water	95,3 g/l (25 °C)

9.2. Other information

Other physical and chemical properties

Comments Decomposition: 50 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts with strong acids.

10.2. Chemical stability

Stability The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No risk of hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following: Acids, alkali metals.

10.6. Hazardous decomposition products

Hazardous decomposition products Product decomposes in fire conditions or when heated to high temperatures, and toxic gases such as CO, CO₂ may be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

Substance	Sodium hydrogencarbonate
LD50 oral	Value: > 4000 mg/kg bw Animal test species: Rat
LC50 inhalation	Value: > 4,74 mg/L air Animal test species: Rat Duration: 4,5 h

Potential acute effects

Inhalation	Inhalation of dust may cause irritation to the upper airways.
Skin contact	May irritate the skin – may cause reddening.
Eye contact	May cause eye irritation.
Ingestion	Ingestion may cause discomfort.

Delayed effects / repeated exposure

General	None known.
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SECTION 12: Ecological information

12.1. Toxicity

Toxicological data for substances

Substance	Sodium hydrogencarbonate
Acute aquatic, fish	Value: 7100 mg/L Method of testing: LC50 Duration: 96 h
Acute aquatic, Daphnia	Value: 4100 mg/L Method of testing: EC50 Duration: 48 h

12.2. Persistence and degradability

Persistence and degradability	Test data are not available.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Test data are not available.
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12.4. Mobility in soil

Mobility	Test data are not available.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	The substance does not meet the criteria for PBT or vPvB.
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12.6. Other adverse effects

Other adverse effects / Remarks	None.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Contact the local authorities.
EWC waste code	EWC: 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

SECTION 14: Transport information

14.1. UN number

Comments	The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.
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14.2. UN proper shipping name

14.3. Transport hazard class(es)**14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical safety assessment**

Chemical safety assessment performed	No
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SECTION 16: Other information

Important data sources used to construct the safety data sheet	EC regulation 1907/2006 (REACH). Directive 2000/532/EC. EC Regulation 1272/2008 (CLP).
Version	2
Responsible for safety data sheet	JWL Maskin & Plastfabrik A/S
Prepared by	mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: KN