

Safety Data Sheet

BEAM Chemical Company

Revision Date: 25-May-2015

1. PRODUCT AND COMPANY INFORMATION

Product Identifier

Product Name: BEAM Oven, Grill & Stainless Steel Cleaner
Product Number: BEAM 1
Recommended Use: Cleaning of Commercial Ovens, Grills and Stainless Steel

Manufacturer/Supplier: BEAM CHEMICAL COMPANY
163 N. Main Street
Oconto Falls, WI 54154

Emergency Telephone Numbers:

Company Telephone Number: 1-920-846-3707
24 Hour Emergency Number: 1-800-535-5053 (INFOTRAC)

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1

SIGNAL WORD: DANGER

SYMBOLS:



HAZARD STATEMENTS: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS - PREVENTION

Do not breathe vapors, mist or spray.
Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves/clothing/eye protection/face protection.

PRECAUTIONARY STATEMENTS - RESPONSE

CONTACT A PHYSICIAN OR POISON CENTER IMMEDIATELY!

IF IN EYES: Rinse immediately with water for 15 minutes.

SKIN CONTACT: Remove contaminated clothing. Rinse skin with water for at least 15 minutes. Thoroughly wash contaminated clothing before reuse.

IF INHALED: Move to an area of fresh air and keep at rest in a position comfortable for breathing. Call Physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

PRECAUTIONARY STATEMENT - STORAGE

Store locked up in a corrosive resistant container.

PRECAUTIONARY STATEMENT - DISPOSAL

Dispose of contents/container in accordance with local, state and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight%
Sodium Hydroxide	1310-73-2	7-8
Sodium Metasilicate	6834-92-0	.5-1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye Contact: Rinse eye with water, including eyelids for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Rinse with water or shower for at least 15 minutes. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.

Inhalation: Remove to fresh air. Seek medical attention.

Ingestion: Rinse mouth. Give large quantities of water. Do **NOT** induce vomiting. Get medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Product is not flammable. Use extinguishing measures appropriate for the surrounding area.

Specific fire hazards arising from the chemical:

None know.

Protective equipment and precautions for firefighters:

Wear NSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: Do not allow spill to flow onto the ground, storm sewers or bodies of water.

Methods for Clean Up: Dilute product with water and dam area up. Mop up diluted material and dispose of in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on Safe Handling: Use personal protective equipment. Practice good industrial hygiene and safety. Wash thoroughly after handling.

Storage Conditions: Keep containers locked in a cool, dry and well ventilated room or cabinet.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
Sodium Hydroxide	Ceiling 2mg/m ³	TWA 2 mg/m ³	IDLH 10mg/m ³
1310-73-2 (vacated)	Ceiling :2mg/m ³	Ceiling:2 mg/m ³	

Engineering Controls: Good ventilation should be provided. Eyewash stations should be nearby. Occupational exposure limits should be followed.

Personal Protective Equipment and Protective Measures

Eye/Face Protection:	Splash goggles and/or face shield.
Skin and Body Protection:	Wear chemical resistant or rubber gloves. Protective clothing, such as chemical resistant apron should be considered.
Respiratory Protection:	Normally not required for general use. If respiratory irritation occurs, use of a NIOSH respirator is encouraged.
General Hygiene:	Good industrial hygiene and safety practices should be used. Wash hands and exposed skin after handling. For more information see 29 CFR 1910.132-138.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance/Color:	Caramel Colored
Odor:	Mild, No Fumes
PH:	10.00-11.00
Melting Point/Freezing Point:	Not Determined
Boiling Point/Boiling Range:	110 degrees C. / 212 degrees F.
Flash Point:	>100 degrees C. / >212 degrees F.
Evaporation Rate:	< 1 (BuAc = 1)
Flammability (solid,gas):	Not determined.
Upper Flammability Limit:	Not determined.
Lower Flammability Limit:	Not determined.
Vapor Pressure:	No Information Available
Vapor Density:	No Information Available
Specific Gravity:	1.10
Solubility(ies):	Soluble in Water
Relative Density:	8.95 lbs./gal.
Partition Coefficient:	Not determined
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties	Not determined
Oxidizing Properties:	Not determined
Odor Threshold:	Not determined

10. STABILITY AND REACTIVITY

Reactivity:	Under normal conditions, not reactive.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reaction:	Should not occur under normal storage and handling
Conditions to Avoid:	Extremes of Temperature. Keep out of reach of children.
Incompatible Materials:	Aluminum and Strong Acids.
Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes, Inhalation and Ingestion.

Symptoms of Exposure:

Eye Contact: Pain, redness, and swelling of the eye. May cause permanent tissue damage if not treated promptly.

Skin Contact: Pain, redness and possible blistering.

Inhalation: Nasal discomfort, throat soreness and coughing.

Ingestion: Pain, nausea, vomiting and possible diarrhea.

Immediate, Delayed, Chronic Effects:

Immediate: Pain, redness, swelling and possible tissue damage.

Delayed: Blistering and tissue damage.

Chronic: None known. No long term data available.

Carcinogenicity: No components present at 0.1% or greater are listed as being carcinogens by ACGIH, IARC, NTP or OSHA.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Hydroxide	Not Available	~1350mg/kg (rabbit)	Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Aquatic Plants	Fish	Microorganisms
Crustacea Sodium Hydroxide 1310-73-2	Not Avail.	45.4; 96 h Oncorhynchus mykiss mg/L LC50 static	Not Avail. Not Avail.

Persistence/Degradability: No information available.

Bioaccumulation: No information available.

Mobility: Not determined

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATION

Undiluted product should be treated as a corrosive waste.

Disposal of Wastes: Disposal should be in accordance with local, state and federal regs.

Contaminated Packing: Disposal should be in accordance with local, state and federal regulations.

Product should not be flushed or allowed to seep into storm sewers.

14. TRANSPORT INFORMATION

DOT:

UN No.: UN1719
Proper Shipping Name: Alkaline Corrosive Liquids N.O.S.
Hazard Class: 8
Packing Group: II

15. REGULATORY INFORMATION

TSCA: All chemical substances in this product are included or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations:**CERCLA**

Chemical Name	Hazardous Substances RQs	CERLA/SARA RQ	Reportable Quantity (RQ)
Sodium Hydroxide 1310-73-2	1000 lbs.		RQ 1000lb final RQ RQ 454 kg final RQ

CWA (Clean Water Act)

Component	Reportable	Toxic Pollutants	Priority Pollutants
Hazardous	Quantities		
Substances			
Sodium Hydroxide 1310-73-2 (10-11)	1000 lbs.		X

16. OTHER INFORMATION

NFPA **Health Hazards 3** **Flammability 0** **Instability 0** **Special: Not Determined**
HMIS **Health Hazards 3** **Flammability 0** **Physical Hazards 2**

Revision Date: 25-May-2015
Reason for Revision: New Format

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet