

# Safety Data Sheet

Issue Date: 09-Aug-2005

Revision Date: 20-May-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Banish

### Other means of identification

**SDS #** OBCO-020

**UN/ID No** UN1759

### Recommended use of the chemical and restrictions on use

**Recommended Use** Deep fat fryer cleaner.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

OBCO Chemical Corporation  
7248 Spa Road  
North Charleston, SC 29418

### Emergency Telephone Number

**Company Phone Number** 1-843-572-6688

**Emergency Telephone (24 hr)**

For product spills, leaks or exposures call:  
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** White powder

**Physical State** Solid

**Odor** Technical odor

### Classification

Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

### Signal Word

**Danger**

### Hazard Statements

Harmful in contact with skin

Causes severe skin burns and eye damage



### Precautionary Statements - Prevention

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

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a poison center or doctor/physician  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a poison center or doctor/physician  
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium metasilicate pentahydrate	10213-79-3	80-90
Sodium hydroxide	1310-73-2	10-20
Nonoxynol	9016-45-9	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
<b>Skin Contact</b>	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove to fresh air. Call a physician immediately.
<b>Ingestion</b>	Drink plenty of water or milk immediately. Call a physician.

**Most important symptoms and effects**

<b>Symptoms</b>	Contact will cause irritation and redness to exposed areas.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Non-flammable solution.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Sweep up and shovel into suitable containers for disposal. Rinse area thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Use in accordance with product label instructions.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from extreme temperatures.

**Incompatible Materials** Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium metasilicate pentahydrate 10213-79-3	-	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	-
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Splash goggles or safety glasses.

**Skin and Body Protection** Avoid contact with skin.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Odor</b>	Technical odor
<b>Appearance</b>	White powder	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	12.5-13.5	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Will not burn	
Evaporation Rate	Not applicable	
Flammability (Solid, Gas)	Will not burn	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	Not available	
Water Solubility	Infinite	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	0	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong acids.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                                      Causes severe eye damage.

**Skin Contact**                                     Causes severe skin burns. Harmful in contact with skin.

**Inhalation**                                        Avoid inhalation of dust.

**Ingestion**                                        Do not taste or swallow.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium metasilicate pentahydrate 10213-79-3	847 mg/Kg (rat)	-	-
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg ( Rabbit )	-
Nonoxynol 9016-45-9	= 1310 mg/kg ( Rat )	= 2 mL/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms**                                        Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**                                This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium hydroxide 1310-73-2	Toxic Corrosive

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

UN/ID No UN1759  
 Proper Shipping Name Corrosive solid, n.o.s. (Sodium hydroxide, Sodium metasilicate)  
 Hazard Class 8  
 Packing Group III

### IATA

UN/ID No UN1759  
 Proper Shipping Name Corrosive solid, n.o.s. (Sodium hydroxide, Sodium metasilicate)  
 Hazard Class 8  
 Packing Group III

### IMDG

UN/ID No UN1759  
 Proper Shipping Name Corrosive solid, n.o.s. (Sodium hydroxide, Sodium metasilicate)  
 Hazard Class 8  
 Packing Group III  
 Marine Pollutant This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

#### SARA 313

Not determined

#### CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2 ( 10-20 )	1000 lb			X

#### US State Regulations

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hydroxide 1310-73-2	X	X	X

## 16. OTHER INFORMATION

#### NFPA

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Instability**

Not determined

#### **Special Hazards**

Not determined

#### HMIS

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Physical Hazards**

Not determined

#### **Personal Protection**

Not determined

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Revision Note:

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**