

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## NATURE'S SOURCE™ NATURAL GLASS & SURFACE CLEANER

Version 1.4

Print Date 03/04/2011

Revision Date 12/10/2009

MSDS Number 350000011098

SITE\_FORM Number  
3000000000000009248.004

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : NATURE'S SOURCE™ NATURAL GLASS & SURFACE CLEANER

Use of the Substance/Mixture : Speciality Cleaner  
Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : colourless / liquid / pleasant

**Immediate Concerns** : No adverse effects expected when used as directed.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : None known.

Skin : None known.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No.   | Weight percent |
|---------------|-----------|----------------|
| Water         | 7732-18-5 | 60.00 - 100.00 |
| Ethyl alcohol | 64-17-5   | 1.00 - 5.00    |

### 4. FIRST AID MEASURES

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|              |   |   |
|--------------|---|---|
| Eye contact  | : | Rinse with plenty of water. Get medical attention if irritation develops and persists.    |
| Skin contact | : | Wash off with soap and water.   |
| Inhalation   | : | Remove to fresh air.  |
| Ingestion    | : | Never give anything by mouth to an unconscious person. Get medical attention immediately. |

#### 5. FIRE-FIGHTING MEASURES

|                                       |   |   |
|---------------------------------------|---|---|
| Suitable extinguishing media          | : | Alcohol foam, carbon dioxide, dry chemical, water fog   |
| Specific hazards during fire fighting | : | Container may melt and leak in heat of fire.  |
| Further information                   | : | Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Standard procedure for chemical fires. Cool and use caution when approaching or handling fire-exposed containers. |
| Flash point                           | : | 65 °C<br>Method: Tag Closed Cup (TCC)   |
| Flash point                           | : | 149 °F<br>Method: Tag Closed Cup (TCC)  |
| Lower explosion limit                 | : | Note: no data available   |
| Upper explosion limit                 | : | Note: no data available   |

#### 6. ACCIDENTAL RELEASE MEASURES

|                         |   |  |
|-------------------------|---|--|
| Personal precautions    | : | Remove all sources of ignition.  |
| Methods for cleaning up | : | Soak up with inert absorbent material.<br>Sweep up and shovel into suitable containers for disposal. |

#### 7. HANDLING AND STORAGE

##### Handling

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Advice on safe handling : Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

### Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.  
Keep container closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components    | CAS-No. | mg/m3       | ppm       | Basis     |
|---------------|---------|-------------|-----------|-----------|
| Ethyl alcohol | 64-17-5 | -           | 1,000 ppm | ACGIH TWA |
| Ethyl alcohol | 64-17-5 | 1,900 mg/m3 | 1,000 ppm | OSHA TWA  |

### Personal protective equipment

#### Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.

Household setting : No personal respiratory protective equipment normally required.

#### Hand protection

Industrial setting : not required under normal use

Household setting : not required under normal use

#### Eye protection

Industrial setting : No special requirements.

Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |  |
|--|---|--|
| Form   | : | liquid   |
| Color  | : | colourless   |
| Odor   | : | pleasant   |
| pH   | : | 10.8   |
| Melting point  | : | no data available  |
| Boiling point  | : | no data available  |
| Freezing point   | : | no data available  |
| Flash point  | : | 65 °C<br>Method: Tag Closed Cup (TCC)                            |
| Flash point  | : | 149 °F<br>Method: Tag Closed Cup (TCC)                           |
| Evaporation rate   | : | no data available  |
| Flammability (solid, gas)  | : | Does not sustain combustion.                                     |
| Autoignition temperature   | : | no data available  |
| Lower explosion limit  | : | no data available  |
| Upper explosion limit  | : | no data available  |
| Vapour pressure  | : | no data available  |
| Density  | : | 0.9927 g/cm <sup>3</sup><br>at 20 °C                             |
| Water solubility   | : | completely soluble   |
| Solubility in other solvents   | : | completely soluble   |
| Viscosity, dynamic   | : | no data available  |
| Viscosity, kinematic   | : | similar to water   |
| Volatile Organic Compounds<br>(California Air Resource<br>Board – CARB)<br>Total VOC (wt. %) | : | 3.9 % - does not include any applicable regulatory<br>exemptions |

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### 10. STABILITY AND REACTIVITY

- Conditions to avoid : Heat, flames and sparks.
- Materials to avoid : Do not mix with oxidizing agents.  
Strong acids
- Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
- Hazardous reactions : Stable

### 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50  
Calculated  
> 5,000 mg/kg
- Acute inhalation toxicity : no data available
- Acute dermal toxicity : LD50  
estimated  
> 2,000 mg/kg
- Chronic effects**
- Carcinogenicity : no data available
- Mutagenicity : no data available
- Reproductive effects : no data available
- Teratogenicity : no data available
- Sensitisation : no data available

### 12. ECOLOGICAL INFORMATION

- Ecotoxicity effects** : no data available

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**13. DISPOSAL CONSIDERATIONS**

- Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
- Household setting : Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**Land transport**

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

- UN-Number None.
- Proper shipping name not regulated
- Class: None.
- Packaging group None.

**Sea transport**

▪ **IMDG:**

- UN-Number: None.
- Packaging group: None.
- Proper shipping name not regulated
- Class: None.

**Air transport**

▪ **ICAO/IATA:**

- Class: None.
- Packaging group: None.
- Proper shipping name not regulated
- UN/ID No.: None.

**15. REGULATORY INFORMATION**

- Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
- Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
- Notification status : All ingredients of this product comply with the New Substances

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Notification requirements under the Canadian Environmental Protection Act (CEPA).

- California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.  
: This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 2 |
| Reactivity   | 0 |

#### NFPA Ratings

|            |   |
|------------|---|
| Health     | 0 |
| Fire       | 2 |
| Reactivity | 0 |
| Special    |   |

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

|              |  |
|--------------|--|
| Prepared by: | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
|--------------|--|