1. Identification

Product identifier
Bleach Solution “B”

Other means of identification
SDS number 01
Synonyms 17100

Recommended use Not available.
Recommended restrictions Not available.

Manufacturer/Importer/Supplier/Distributor information
Manufacturer/Supplier Daly’s Wood Finishing Products, 4522 S 133rd St, Tukwila, WA 98168.

General Assistance (206) 244-8844, toll free: (800) 727-9694
E-Mail info@dalyswoodfinishes.com
Contact Person Not available.
Emergency Telephone Chemtrec: 800-424-9300

2. Hazard(s) Identification

Physical hazards Oxidizing liquids Category 1
Health hazards Acute toxicity, oral Category 4
Acute toxicity, inhalation Category 4
Skin corrosion/irritation Category 1A
Serious eye damage/eye irritation Category 1
Specific target organ toxicity, single exposure; Respiratory tract irritation Category 3

Label elements

Signal word Danger

Hazard statement May cause fire or explosion; strong oxidizer. Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause respiratory irritation.

Precautionary statement Prevention Keep away from heat/sparks/open flames/hot surfaces — No
smoking. Keep away from clothing and other combustible materials. Wear protective gloves/protective clothing/eye protection/face protection. Wear fire resistant or flame retardant clothing. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.

Response
IF ON CLOTHING: Rinse immediately contaminated CLOTHING and SKIN with plenty of water before removing clothes. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. In case of fire: Use water spray, Adapt fire-extinguishing measures to surroundings, Foam, dry powder, Carbon dioxide (CO₂) for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse SKIN with water/or [shower]. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Use only outdoors or in a well-ventilated area.

Storage
Store separately. Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)
None known.

3. Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>30</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation
Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately.
SAFETY DATA SHEET
BLEACH SOLUTION “B”

Skincare contact
Wash area with soap and water. If irritation persists, get medical attention.

Eye contact
Wash with clean water for at least fifteen minutes; get medical attention.

Ingestion
DO NOT INDUCE VOMITING. Give water or milk to drink; do not give baking soda or acid antidotes. Get medical attention.

Most important symptoms/effects, acute and delayed
May cause redness, irritation or chemical burns. Vapors or mist may cause respiratory tract irritation. Harmful or fatal if swallowed. May cause chemical burns.

Indication of immediate medical attention and special treatment needed
Obtain medical assistance.

Pre-existing skin conditions could be aggravated by repeated exposure.

General information
If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media
Non flammable.

Unsuitable extinguishing media
Do not use a heavy water stream.

Specific hazards arising from the chemical
Strong oxidizer can initiate spontaneous combustion. Rapid oxygen evolution from decomposing Hydrogen Peroxide may increase intensity of a fire. Decomposition of product can cause oxygen enrichment of atmosphere, making it ignitable.

Special protective equipment and Special firefighting procedures
Wear protective clothing and self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

6. Accidental release measures
SAFETY DATA SHEET

BLEACH SOLUTION “B”

Revised Date: 08-26-2015

Supersedes: 01-31-2001

Personal precautions, protective equipment and emergency procedures

Product causes chemical burns. Evacuate personnel to safe areas. Keep out unprotected persons. Keep unauthorized persons away.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and materials for containment and cleaning up

In case of larger quantities: Collect product in suitable containers (e.g. made of plastic) using appropriate equipment (e.g. liquid pump). Keep away from flammable substances. Keep away from incompatible substances. Rinse away any residue with plenty of water. Dispose of absorbed material in accordance with the regulations. With small amounts: Dilute product with lots of water and rinse away or absorb with liquid-binding material, e.g.: diatomaceous earth or universal binder. Pick up mechanically. Collect in suitable containers. Clean contaminated surface thoroughly. Pack and label wastes like the pure substance. Do not detach label from the delivery containers prior to disposal. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Take any precaution to avoid mixing with Combustibles. Do not breathe mist, vapors, spray. Avoid contact during pregnancy/while nursing.

Conditions for safe storage

Store locked up. Store in original tightly closed container. Store away from incompatible materials. KEEP OUT OF REACH OF CHILDREN.

Incompatible materials

Heavy metals and their salts, reducing agents, strong oxidizers, alkalis and particular solids will cause decomposition.

8. Exposure controls/personal protection

Occupational exposure limits
SAFETY DATA SHEET
BLEACH SOLUTION “B”

Revised Date: 08-26-2015
Supersedes: 01-31-2001

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>PEL (TWA)</td>
<td>1 ppm (1.4 mg/m³)</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>TWA</td>
<td>1 ppm (1.4 mg/m³)</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the chemical in this product is listed.

US. OSHA Table Z-3 (29 CFR 1910.1000)

None of the chemical in this product is listed.

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>TLV (TWA)</td>
<td>1 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>REL (TWA)</td>
<td>1 ppm (1.4 mg/m³)</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety goggles or face shield.

Skin protection

Hand protection

Rubber or plastic gloves.

Other

Plastic apron, in contact is likely. Eyewash station should be available.

Respiratory protection

Wear NIOSH-approved respirator for organic vapors.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hazards

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.
9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, water-white liquid.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, water-white.</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>222 °F</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>% Volatile by Volume</td>
<td>100%</td>
</tr>
<tr>
<td>Evaporation rate (BuOAc=1)</td>
<td>Less than water.</td>
</tr>
<tr>
<td>Maximum Volatile Organic Compound (V.O.C.)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td></td>
</tr>
<tr>
<td>Flammability limit – lower (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability limit – upper (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor pressure (mm Hg)</td>
<td>23mm Hg at 86 °F</td>
</tr>
<tr>
<td>Vapor density (Air=1)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density (Specific gravity)</td>
<td>1.112</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Soluble.</td>
</tr>
<tr>
<td>Solubility (other)</td>
<td>Completely soluble in alcohol.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Product is unstable. Thermal decomposition generates corrosive vapors.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Unstable on exposure to light. May cause fire or explosion; strong oxidizer.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization will not occur.</td>
</tr>
</tbody>
</table>
Conditions to avoid
- Direct sunlight.
- Extremely high or low temperatures.
- Heat.
- Sparks.
- Overheating.
- Open flame.

Incompatible materials
- Heavy metals and their salts, reducing agents, strong oxidizers, alkalis and particular solids will cause decomposition.

Hazardous decomposition Products
- Oxygen, steam, peroxide vapor and heat.

11. Toxicological information

Information on likely routes of exposure
- Ingestion: Harmful or fatal if swallowed.
- Inhalation: Vapors or mist may cause respiratory tract irritation.
- Skin contact: May cause chemical burns.
- Eye contact: May cause redness, irritation or chemical burns.

Symptoms related to the physical, chemical and toxicological characteristics
- May cause redness, irritation or chemical burns. Vapors or mist may cause respiratory tract irritation. Harmful or fatal if swallowed. May cause chemical burns.

Delayed and immediate effects and also chronic effects from short- and long-term exposure
- Pre-existing skin conditions could be aggravated by repeated exposure. Long term over-exposure can result in dermatitis.

Numerical measures of toxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Test</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>Oral LD&lt;sub&gt;50&lt;/sub&gt;</td>
<td>Rat</td>
<td>376 mg/kg</td>
</tr>
<tr>
<td>(CAS 7722-84-1)</td>
<td>Inhalation LC&lt;sub&gt;50&lt;/sub&gt;</td>
<td>Rat</td>
<td>2 mg/l, 4h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
- Causes severe skin burns and eye damage.

Serious eye damage/eye irritation
- Causes serious eye damage.

Respiratory or skin sensitization
- No data available.

Respiratory sensitization
- Based on available data, the classification criteria are not met.

Skin sensitization
- Not a mutagen.

Germ cell mutagenicity
- This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Carcinogenicity
- No data available.

Reproductive toxicity
- No data available.

Specific target organ toxicity - single exposure
- May cause respiratory irritation.

Specific target organ toxicity - repeated exposure
- Based on available data, the classification criteria are not met.

Aspiration hazard
- No data available.
12. Ecological information

### Numerical measures of toxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Test</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>LC₅₀</td>
<td>Fathead minnow</td>
<td>16.4 mg/l, 96h</td>
</tr>
<tr>
<td>(CAS 7722-84-1)</td>
<td></td>
<td>(<em>Pimephales promelas</em>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC₅₀</td>
<td>Water flea</td>
<td>2.4 mg/l, 48h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(<em>Daphnia pulex</em>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC₅₀</td>
<td>Algae</td>
<td>1.6-5 mg/l, 72h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(<em>Chlorella vulgaris</em>)</td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**: Rapidly degradable.

**Bioaccumulative potential**: Not established.

**Mobility in soil**: Not established.

**Other adverse effects**: Not established.

13. Disposal considerations

**Disposal instructions**: Diluted spills can be flushed down sewer. Dispose of in accordance with all applicable federal, state and local regulations.

**Contaminated packaging**: Rinse empty containers before disposal; recommended cleaning agent: water. Offer rinsed packaging material to local recycling facilities. Do not reuse empty containers. Dispose of containers that have not been emptied completely and/or cleaned like of substance.

14. Transport information

**DOT**

- **UN number**: UN 2014
- **UN proper shipping name**: HYDROGEN PEROXIDE, AQUEOUS SOLUTION
- **Transport hazard class(es)**:
  - Class: 5.1
  - Subsidiary risk: 8
  - Label(s): 5.1 - Oxidizer
  - 8 - Corrosive
SAFETY DATA SHEET
BLEACH SOLUTION “B”

Packing group
II

Environmental hazards
No

Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number
UN 2014

UN proper shipping name
Hydrogen peroxide, aqueous solution

Transport hazard class(es)
Class
5.1

Subsidiary risk
8

Label(s)
5.1 - Oxidizer
8 - Corrosive

IMDG

UN number
UN 2014

UN proper shipping name
HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Transport hazard class(es)
Class
5.1

Subsidiary risk
8

Label(s)
5.1 - Oxidizer
8 - Corrosive
Packing group II

Environmental hazards
Marine pollutant No

EmS F-H, S-Q

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information

US federal regulations This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None of the chemical in this product is listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Hydrogen peroxide(CAS7722-84-1)

CERCLA Hazardous Substance List (40 CFR 302.4)
None of the chemical in this product is listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard</th>
<th>Delayed Hazard</th>
<th>Fire Hazard</th>
<th>Pressure Hazard</th>
<th>Reactivity Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SARA 302/304 Extremely hazardous substance
Hydrogen peroxide(CAS 7722-84-1)

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)
This product contains no chemicals subject to reporting.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
None of the chemical in this product is listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
None of the chemical in this product is listed.

Safe Drinking Water Act (SDWA)
None of the chemical in this product is listed.

US State regulations
US. New Jersey Worker and Community Right-to-Know Act
Hydrogen peroxide (CAS 7722-84-1)

US. Pennsylvania Worker and Community Right-to-Know Law
Hydrogen peroxide (CAS 7722-84-1)

US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):
None of the chemical in this product is listed.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) (TSCA)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s).
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue date</td>
<td>01-31-2001</td>
</tr>
<tr>
<td>Revision date</td>
<td>08-24-2015</td>
</tr>
<tr>
<td>Version #</td>
<td>01</td>
</tr>
</tbody>
</table>

NFPA rating
REFERENCES

ACGIH: Documentation of the Threshold Limit Values and Biological Exposure Indices
ECHA: European Chemicals Agency
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
NIOSH: The National Institute for Occupational Safety and Health
NTP: National Toxicology Program
NLM: Hazardous Substances Data Base
OECD: Organization for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration

DISCLAIMER

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.