SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: STORM GLASS (Liquid)
Distributor: Green Earth
Address: 75 Midpark Crescent
London, Ontario
N6N 1A9
Phone: 519-668-2188
Fax: 519-668-5627
MSDS Number: 2610100015
YSOS Date: 2012-01-01

SECTION 2 INFORMATION ON INGREDIENTS

Product name: ADMIRAL FITZROY’S STORM GLASS (Liquid)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
<th>CAS No.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>60%</td>
<td>7732-18-5</td>
<td>231-791-2</td>
</tr>
<tr>
<td>Ethanol</td>
<td>30%</td>
<td>64-17-5</td>
<td>200-578-6</td>
</tr>
<tr>
<td>Natural Camphor</td>
<td>10%</td>
<td>76-22-2</td>
<td>200-945-0</td>
</tr>
</tbody>
</table>

SECTION 3 HAZARDS IDENTIFICATION

Hazards Identification: Flammable.
Emergency Overview: Irritating to eyes, respiratory system and skin.

SECTION 4 FIRST-AID MEASURES

Skin Exposure:
In case of contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately.

Eye Exposure:
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Get medical attention immediately.

Inhalation Exposure:
If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

Oral Exposure:
If victim is conscious, wash mouth out with water. Get medical aid immediately.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:
Suitable: Dry chemical. Carbon dioxide or appropriate foam. For small fires, use media such as alcohol foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large Quantities of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding Quantities of water.

Firefighting:
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:
Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

Methods for Cleaning up:
Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling:
Wear appropriate protective clothing and chemical safety gloves. Avoid contact with eyes and skin. Avoid inhalation. Avoid prolonged or repeated exposure. Keep container tightly closed. Do not expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Keep away from heat, sparks and flame. Incompatibilities: alkali metals, ammonia, oxidizing agents, peroxides, strong reducing agents, combustible materials. No smoking at working site. Use non sparking tools.
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Storage:
Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area. Incompatibilities: alkali metals, ammonia, oxidizing agents, peroxides, strong reducing agents, combustible materials.

SECTION 8 EXPLOSION CONTROL/PPPE

Engineering Controls:
Safety shower and eye bath. Mechanical exhaust required. Use non sparking tools.

Personal Protective Equipment:
- Respiratory: Government approved respirator.
- Eye: Chemical safety goggles.
- Clothing: Wear anti-electrostatic clothing.
- Hand: Compatible chemical-resistant gloves.

Other Protect:
No smoking, drinking and eating at working site. Wash thoroughly after handling. Wash contaminated clothing before reuse. Discard contaminated shoes.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent liquid (containing suspended solid)
Odor: Weak odor
Boiling Point/°C: 83.9°C
Flash Point: 28.0°C (Closed Cup) /° C:
pH Value: 6.9 (25°C, 50.0g/L)
Solubility: Miscible in water
Density/Relative Density: 0.961 x 10² kg/m³ (20.0°C ±0.1°C)

SECTION 10 STABILITY AND REACTIVITY

Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Heat, flames and sparks.

Materials to Avoid:
Alkali metals, ammonia, oxidizing agents, peroxides, strong reducing agents, combustible materials.

Hazardous Polymerization:
Will not occur.

Hazardous Decomposition Products:
Carbon oxides.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data:
- Ethanol: Rat Oral LD₅₀ 7060mg/kg
- Ethanol: Rat Inhalation LD₅₀ 20000ppm/10H
- Natural Camphor: Mouse LD₅₀ 1310mg/kg

Irritation Data:
Irritating to eyes, respiratory system and skin.

SECTION 12 ECOLOGICAL INFORMATION

Eco toxicity:
- Ethanol: Toxicity to fish LC₅₀ - Oncorhynchus mykiss (rainbow trout) - 13000mg/l - 96 h
- Ethanol: Toxicity to fish LC₅₀ - Oncorhynchus mykiss (rainbow trout) - 10400mg/l - 96 h
- Ethanol: Toxicity to fish LC₅₀ - Pimephales promelas (fathead minnow) - 15300 mg/l - 96 h
- Ethanol: Toxicity to fish LC₅₀ - Other fish – 10000mg/l – 24 h
- Toxicity to daphnia and other aquatic invertebrates EC₅₀ - Daphnia magna (Water flea) – 9.30 mg/l - 48 h

SECTION 13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.
STORM GLASS (Liquid)
MSDS ID: 2610100015
Revised: 2012-01-01

SECTION 14 TRANSPORT INFORMATION

RID/ADR  Proper Shipping Name: Flammable Liquid, n. o. s.
Hazard Class: 3
UN Number: 1993
Packing Group: III

IATA  Proper Shipping Name: Flammable Liquid, n.o. s.
Hazard Class: 3
UN Number: 1993
Packing Group: III

IMO  Proper Shipping Name: Flammable Liquid, n.o. s.
Hazard Class: 3
UN Number: 1993
Packing Group: III
EMS No.: F-E, S-E

SECTION 15 REGULATORY INFORMATION

EU Additional Classification:
Symbol of Danger: F
Indication of Danger: Highly flammable
Risk Statements: Flammable. Irritating to eyes, respiratory system and skin.
S 2 16 26 36/37
Safety Statements:
Keep out of the reach of children. Keep away from sources of ignition - No smoking.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

SECTION 16 OTHER INFORMATION

Date: 2010-11-08
Department: Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and testing Centre of Dangerous Chemical s for State Administration of Work Safety
Tel (Fax):8621-52815377/5289Q971/S2807275/5261 1034/52569800
Revision: 0
Other:
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