

**MATERIAL SAFETY DATA SHEET****SECTION 1 — PRODUCT IDENTIFICATION**

Product identifier: 0675 - Bathroom Cleaner RTU **WHMIS Classification:** D2B
Product use: Bathroom Cleaner
Product Code Number: 40651
MSDS Number: 0675

Supplier name and address:
 Armstrong Manufacturing Inc.
 2485 Haines Road
 Mississauga, Ontario L4Y 1Y7
 (905) 566-1395

Manufacturer's name and address:
 Refer to Supplier

Emergency Telephone #: CANUTEC (613) 996-6666

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>LD₅₀</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
			<u>mg/kg</u> <u>oral/rat</u>	<u>mg/kg</u> <u>skin/rabbit</u>	<u>ppm</u> <u>inh/rat</u>
Hydrogen Peroxide	7722-84-1	1-5	> 5000	mildly irritating	0.17mg/l

SECTION 3 — HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Routes of entry: Inhalation, ingestion, skin and eye contact.

Signs and symptoms of short-term (acute) exposure:

Inhalation: Very slight irritation with very high misting levels

Skin contact: Repeated contact may cause very slight irritation in case of sensitive skin.

Eye contact: May cause slight eye irritation

Ingestion: Low toxicity if swallowed. May cause gastrointestinal irritation.

Effects of long-term (chronic) exposure: See Section 11. **Other important hazards:** None reported.

SECTION 4 — FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If symptoms persist, call a physician.

Skin contact: Rinse with water.

Eye contact: Flush eyes with running water for at least 15 minutes, keeping eyelids open. If symptoms persist seek medical attention.

Ingestion: Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

SECTION 5 — FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability: Not flammable.

Flash point (Method): Not applicable. °C (°F)

Lower flammable limit (% by volume): n/ap

Upper flammable limit (% by volume): n/ap

Explosion data: *Sensitivity to mechanical impact:* Not sensitive. *Sensitivity to static discharge:* Not sensitive.

Oxidizing properties: None.

Auto-ignition temperature: None.

Suitable extinguishing media: As appropriate for burning of surrounding products.

Special fire-fighting procedures/equipment: n/ap

Hazardous combustion products: n/ap

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear adequate personal protective equipment.
Environmental precautions: No special precautions required.
Spill response/Cleanup: Recover and reuse as much of the product as possible.
Prohibited materials: None known.

SECTION 7 — HANDLING AND STORAGE

Safe handling procedures: Avoid contact eyes.
Storage requirements: Store in a cool, dry area. Keep away from incompatible materials, (see Sect. 10) acids, alkalies and reducing agents.
Special packaging materials: n/av

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Mechanic ventilation should be adequate.
Respiratory protection: Normally not required.
Protective gloves: Not normally required. Use impervious gloves in case of sensitive skin.
Eye protection: Safety glasses, or chemical goggles if eye contact is likely.
Other protective equipment: As required by workplace standards.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical form, color and odor: Water white liquid citrus odour.
Odor threshold: n/av
pH: 4.0
Boiling point: n/av
Melting/freezing point: 0 celcius
Vapour pressure: n/av
Solubility in water: Very soluble.
Coefficient of oil/water distribution: Essentially zero.
Specific gravity or relative density (water = 1): 1.023
Vapour density: n/ap
Volatile organic compounds (VOC's): n/ap
Viscosity: as water
Evaporation rate: as water
Percent Volatile by Weight: > 97 %

SECTION 10 — REACTIVITY AND STABILITY DATA

Stability and reactivity: Normally stable.
Conditions to avoid: Keep containers tightly closed, when not in use.
Materials to avoid: Strong acids and reactive metals.
Hazardous decomposition products: Oxides of carbon.

SECTION 11 — TOXICOLOGICAL INFORMATION

LD₅₀: Not established for this product. See Section 2 for values for ingredients.
LC₅₀: Not established for this product. See Section 2 for values for ingredients.
Exposure limits: ACGIH-TLV – Not established.
Carcinogenicity: None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.
Teratogenicity, mutagenicity, other reproductive effects: There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity.
Sensitization to material: Not reported.
Conditions aggravated by exposure: Skin conditions.
Synergistic materials: None known.

SECTION 12 — ECOLOGICAL INFORMATION

Environmental effects: Surfactants are readily biodegradable. Peroxide breaks down to oxygen and water.

SECTION 13 — WASTE DISPOSAL

Handling for disposal: Reuse if possible.

Methods of disposal: Follow local, provincial, state and federal regulations.

SECTION 14 — TRANSPORTATION INFORMATION

Shipping description: TDG - Not regulated.

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

SECTION 15 — REGULATORY INFORMATION

WHMIS information: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

SECTION 16 — OTHER INFORMATION

Prepared by: Armstrong Manufacturing Inc.

Telephone number: (905) 566-1395

Preparation date: 19 October 2015

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2001.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

n/ap Not applicable

n/av Not available