

# MATERIAL SAFETY DATA SHEET - U.S.

## Stain Rescue Part A B101

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 0.1

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### Section 1: Chemical Product and Company Information

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**Product Name:** Stain Rescue Part A

**Product Number:** B101

**Manufacturer:** Professional Chemicals Corp  
325 S. Price Road  
Chandler, AZ USA 85224

**Emergency Telephone:**  
(800) 535-5053 [Infotrac]

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### Section 2: Composition / Information or Ingredients

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<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Hydrogen Peroxide	7722-84-1	1 ppm	Acute

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### Section 3: Hazard Identification

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#### Emergency Overview

**Appearance:** Clear Liquid

**Odor:** Odorless

**Flashpoint:** >212°F

**Hazard:** Corrosive, Non-combustible, but may contribute to the combustion of other substances and causes violent and sometimes explosive reactions.

**General:** Corrosive to mucous membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly on the concentration and duration of exposure.

**Eye Contact:** Severe eye irritation, watering, redness and swelling of the eyelids; risk of serious or permanent eye lesions.

**Skin Contact:** Irritation and temporary whitening at contact area; risk of burns.

**Inhalation:** Nose and throat irritation; cough.

**Ingestion:** Paleness and cyanosis of the face; severe irritation, risk of burns and perforation of the gastrointestinal tract accompanied by shock. Excessive fluid in the mouth and nose, with risk of suffocation; risk of throat edema and suffocation; bloating of stomach, belching; nausea and vomiting (bloody); cough; risk of chemical pneumonitis from product inhalation.

**HMIS Hazard Rating:** Health 3

Flammability 0

Reactivity 1

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### Section 4: First Aid Measures

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**General recommendations:** In case of product splashing into the eyes and face, treat eyes first. Do not dry soiled clothing near an open flame or incandescent heat source. Submerge soiled clothing in water prior to drying.

**Eye Contact:** Flush eyes immediately with running water for 15 minutes, while keeping the eyelids open. Consult with a physician in all cases.

**Skin Contact:** Remove contaminated shoes, socks and clothing; wash the affected skin with running water. If irritation persists consult physician.

**Inhalation:** Remove the subject from the contaminated area; move to fresh air. Consult with a physician in case of respiratory symptoms.

**Ingestion:** Consult with a physician immediately in all cases. Take to hospital.

**If the subject is completely conscious:**

Rinse mouth and administer fresh water. Do not induce vomiting.

**If the subject is unconscious:**

Loosen collar and tight clothing, lay the victim on his/her left side. Oxygen or pulmonary resuscitation if necessary; keep warm (blanket); NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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### Section 5: Fire-Fighting Measures

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**Flashpoint:** >212°F (closed cup)

**Upper Flammable Limit (% by volume):** 1.0%

**Autoignition Temperature:** N/D

**Lower Flammable Limit (% by volume):** 7.0%

**General Hazard:** Danger of explosion with flammable liquids; with certain materials (see section 10); in case of heating.

**Fire Fighting Procedures:** Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

**Hazardous Decomposition Products:** During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

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### Section 6: Accidental Release Measures

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**Precautions:** Observe the protection measures given in sections 5 and 8. Isolate the area. Avoid materials and products which are incompatible with the product (see section 10). If safe to do so, without exposing personnel, try to stop the spillage. In case of contact with combustible materials, avoid product drying out by dilution with water.

**Cleanup methods:** Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent material from entering sewers, watercourses, or low areas. Contain and absorb spilled material with sand or earth. Do not use combustible materials such as sawdust. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

**The National Transportation Safety Board (NTSB) and Federal Aviation Administration (FAA) have requested the following information be provided:**

Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

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### Section 7: Handling and Storage

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**Handling:** Operate in a well-ventilated area. Keep away from heat sources. Keep away from incompatible products. Prevent all contact with organics. Use equipment and containers which are compatible with the substance. Never return unused product to storage container. Ensure an adequate supply of water is available in the event of an accident. Containers and equipment used to handle hydrogen peroxide should be used exclusively for hydrogen peroxide.

**Storage:** Store out of the reach of children. Store in a ventilated, cool area; store away from heat sources; keep away from incompatible products (see section 10). Keep away from combustible substances. Keep in container fitted with safety valve or vent. Keep in original packaging, closed. Regularly check the condition and temperature of the containers.

**Other precautions:** Warn personnel of the dangers of the product. Follow the protective measures given in section 8. Do not confine the product in the circuit, between closed valves, or in a container without a vent. Cloths used to apply or absorb product should be rinsed with water and stored in a fire-resistant container. Avoid contact with skin and eyes; do not breathe vapors. Wash hands thoroughly after handling.

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### Section 8: Exposure Controls / Personal Protection

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**Engineering Controls:** Normal room ventilation is satisfactory for limited use; keep away from heat and flame.

**Eye Protection:** Goggles

**Skin Protection:** Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

**Respiratory:** No respiratory protection should be needed.

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### Section 9: Physical and Chemical Properties

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**Appearance/Physical State:** Clear Liquid

**Vapor Pressure:** N/D

**Boiling Point:** N/D

**Density:** 8.69 lbs/gal

**Solubility in Water:** N/D

**Odor:** Odorless

**Vapor Density:** N/D

**Freezing Point:** N/D

**Concentrate pH:** 4.4

**RTU pH:** 9.8

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### Section 10: Stability and Reactivity

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**Chemical stability:** Stable under normal conditions of use with slow gas release.

**Conditions to avoid:** Heat/Sources of heat; Contamination.

**Materials to avoid:** Acids; Bases; Metals; Salts of metals; Reducing agents; Organic materials; Flammable substances.

**Hazardous decomposition products:** Oxygen.

**Hazardous polymerization:** Will not occur.

**Other information:** Decomposition releases steam and heat.

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### Section 11: Toxicological Information

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**Route of Entry:** Eye contact, Ingestion, Skin absorption/contact

**Effects of Acute Overexposure to Product:**

**General:** Corrosive to mucous membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly on the concentration and duration of exposure.

**Eye Contact:** Severe eye irritation, watering, redness and swelling of the eyelids; risk of serious or permanent eye lesions.

**Skin Contact:** Irritation and temporary whitening at contact area; risk of burns.

**Inhalation:** Nose and throat irritation; cough.

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**Effects of Chronic Overexposure to Product:**

**Exposure limits:** N/D for mixture

**Teratogenicity:** None

**Reproductive toxicity:** None

**Sensitization to Product:** None known

**Mutagenicity:** None

**Carcinogenicity:** None

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### Section 12: Ecological Information

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Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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N/A Not Applicable

N/D Not Determined

N/E Not Established

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### Section 13: Disposal Considerations

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Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

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### Section 14: Transportation Information

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**Shipping paper description:** NONE-EXEMPT

**Labeling:** NONE-EXEMPT

**Markings:** CONSUMER COMMODITY, ORM-D

**Placard:** NONE-EXEMPT

**Packaging:** Inner package not over 5.0 liters (1 gallon) each, in strong outer packaging. UN specification packaging not required.

**Note:** "Consumer Commodity - ORM-D" exemption applies only to ground shipments. Additional compliance steps are required for air shipments; ship in accordance with 49 CFR parts 100 - 185.

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### Section 15: Regulatory Information

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**TSCA Inventory List:** Yes.

**CERCLA Hazardous Substance (40 CFR Part 302) Listed substance:** No.

**Reportable Quantity:** 100 pounds.

**SARA, Title III, Sections 311/312 (40 CFR Part 370 - Hazardous Chemical Reporting: Community Right-To-Know) Hazard category:** Immediate (acute) health hazard; Fire hazard.

**SARA, Title III, Section 313 (40 CFR Part 372 - Toxic Chemical Release Reporting: Community Right-To-Know) Toxic chemical:** No.

**WHMIS Classification:** C Oxidizing material; E Corrosive; F Dangerously reactive material

**Canadian Domestic Substances List:** DSL / Non confidential #6754.

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### Section 16: Other Information

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This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

**Prepared by:** EHS Manager

**Phone Number:** [480] 899-7000