

# MATERIAL SAFETY DATA SHEET

## SECTION 1 — MANUFACTURER'S NAME & ADDRESS

**Product Identifier:** Pettyjohn's Solutions® Surface Active Cleaner

**Product Use:** Spot remover for Oriental rugs, upholstery, and other fine textiles

**Date Revised:** May 1, 2011

Manufacturer's name and address: Refer to supplier

Supplier name and address:

### PETTYJOHN'S SOLUTIONS

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Suite 101

Wake Forest, North Carolina

United States

27587

1-877-511-9806 x100

**Emergency Telephone #:** Chemtrec (Day or Night) 800-424-9300

(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

**IMPORTANT:** Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

## SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Ingredients	CAS #	%	OSHA	OTHER	LC <sub>50</sub> (rat,inh)	LD <sub>50</sub> (mg/kg)
			<u>PEL (ppm)</u>	<u>TLV (ppm)</u>	<u>(mg/m<sup>3</sup>/4hr)</u>	<u>rat, oral</u> <u>dermal, rabbit</u>
Aqua Ammonia						
28% Solution	7664-41-7	5.0	N/Av	N/Av	N/Av	N/Av

## SECTION 3 — HAZARDS IDENTIFICATION

\*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Target organs:** Eyes, skin, intestines.

**Signs and symptoms of short-term (acute) exposure:** **Inhalation:** Inhalation may cause irritation to the intestines.

**Skin contact:** Skin contact may cause mild irritation. Symptoms may include slight swelling and redness. **Eye**

**contact:** Direct eye contact may cause mild irritation. Symptoms may include stinging, tearing, redness and swelling.

**Effects of long-term (chronic) exposure:** None known.

## SECTION 4 — FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Obtain medical attention if needed.

**Skin contact:** Wash skin with mild soap and running water. Generally not a problem.

**Eye contact:** Flush with water for 15 minutes. Obtain medical attention.

**Ingestion:** Not expected to be toxic under normal use.

**SECTION 5 — FIRE FIGHTING MEASURES**

**Flash point (Method):** N.A.

**Lower flammable limit (% by volume):** N.A.

**Upper flammable limit (% by volume):** N.A.

**Auto-ignition temperature:** N.A.

**Suitable extinguishing media:** Use dry chemical, carbon dioxide, universal type foam.

**Special fire-fighting procedures/equipment:** None

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

**Spill response/Cleanup:** Make sure of good ventilation in area. Flush down drain or absorb and throw out.

**SECTION 7 — HANDLING AND STORAGE**

**Safe handling procedures:** Store in a cool, room temperature location.

**SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Ventilation and engineering controls:** Use general or local exhaust and mechanical ventilation to meet TLV requirements.

**Respiratory protection:** None generally.

**Protective gloves:** None usually, or chemical resistant.

**Eye protection:** Standard safety glasses.

**Other protective equipment:** None usually, eye wash station near-by.

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

**Physical form, colour and odor:** clear with ammonia perfumed odor.

**Boiling Point :** 212°F

**Specific gravity (H<sub>2</sub>O):** .99

**Melting/freezing point:** None

**Coefficient of oil/water distribution:** N/A

**Vapour pressure:** N/A

**Solubility in water:** Complete

**Vapour density (Air=1):** N/A

**Reactivity in water:** None

**SECTION 10 — REACTIVITY AND STABILITY DATA**

**Stability and reactivity:** Stable under the recommended storage and handling conditions prescribed. Hazardous polymerization will not occur.

**Conditions to avoid:** Extreme heat may cause an odor problem

**Materials to avoid:** Aluminum, Bleaching agents, and other Oxidizing agents.

**Hazardous decomposition products:** Ammonia gas mixture products.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

**Routes of exposure:** Skin contact, eye contact, inhalation, and ingestion.

**Toxicological data:** There is no available data for the product itself, only for the ingredients.

**Teratogenicity, mutagenicity, other reproductive effects:** None known.

**Sensitization to material:** None known.

**Synergistic materials:** Not Available.

**Conditions aggravated by exposure:** Sinus medical problems.

#### SECTION 12 — ECOLOGICAL INFORMATION

**Important environmental characteristics:** N/Av

**Aquatic toxicity:** There is no data available on the product itself.

#### SECTION 13 — WASTE DISPOSAL

**Methods of disposal:** This is biodegradable. It can be flushed down the drain or absorbed and thrown out.

#### SECTION 14 — TRANSPORTATION INFORMATION

**Shipping Description:** Not Regulated.

#### SECTION 15 — REGULATORY INFORMATION

**HMIS:** Health 1

Fire 0

Reactivity 1

Personal Protection X

**Hazard Rating:** 4 – Extreme, 3 – Serious, 2 – Moderate, 1 – Slight, 0 – Minimal

#### SECTION 16 — OTHER INFORMATION

**Legend:** N/Av – Not Applicable

N/Av – Not Available

OSHA – Occupational Safety and Health Act

Inh – Inhalation

TLV – Threshold Limit Value

TSCA – Toxic Substances Control Act

DSL – Domestic Substances List

NDSL – Non-Domestic Substances List

ICAO – International Civil Aviation Organisation

CFR – United States Code of Federal Regulations

CEPA – Canadian Environmental Protection Act

AIHA – American Industrial Hygiene Association

IARC – International Agency for Research on Cancer

NIOSH – National Institute for Occupational Safety and Health

ACGIH – American Conference of Governmental Industrial Hygienists

EPA – United States Environmental Protection Agency

DOT – United States Department of Transportation

CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act (EPA)

TDG – Canadian Transportation of Dangerous Goods Act and Regulations

**References:** ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2001.

International Agency for Research on Cancer Monographs, Supplement 7, 1988.

Canadian Centre for Occupational Health and Safety. CHEMINFO / RTECS database (2001-3)

Material Safety Data Sheets from manufacturer.

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NOTICE:

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