

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

1905 South Main Street

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 ₅₀ (rat,inh)	LD ₅₀ (mg/kg)
			PEL (ppm)	TLV (ppm)	(mg/m ³ /4hr)	rat, oral dermal, rabbit
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 (H2O): .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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Telephone number: 1-877-511-9806 x100

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NOTICE:

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.