

MATERIAL SAFETY DATA SHEET

ADAMS CITRUS CLEANER W/PUMICE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ADAMS CITRUS CLEANER W/PUMICE

PART No.: APC902TC

EMERGENCY TELEPHONE: Info Trac - (800) 535-5053

SUPPLIER: Chemtool Incorporated
8200 Ridgefield Road
P.O. Box 538
Crystal Lake, IL 60039-0538

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2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENTS :	EPA RQ:	TPQ:
STODDARD SOLVENT	8052-41-3	10-30 %	N/A	N/A
ETHANOL, 2,2',2'-NITRILOTRIS-	102-71-6	1-5 %	N/A	N/A

COMPOSITION COMMENTS:

Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

CHRONIC EFFECTS:

SENSITIZATION:

No known information.

CARCINOGENICITY:

IARC: Not listed. OSHA: Not regulated. NTP: Not listed.
* NTP (National Toxicology Program)
* IARC (International Agency for Research on Cancer)
* OSHA (Occupational Safety and Health Administration)

REPRODUCTION/TERATOGENICITY:

No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

HEALTH WARNINGS:

INHALATION. Inhalation of product is unlikely. SKIN CONTACT. Prolonged or repeated exposure not likely to cause significant skin irritation. EYE CONTACT. Irritating. INGESTION. Can cause discomfort.

ROUTE OF ENTRY:

Inhalation. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS:

Severe skin irritation.

4. FIRST AID MEASURES

- INHALATION:** Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Perform artificial respiration if breathing has stopped. Get medical attention.
- INGESTION:** DO NOT INDUCE VOMITING! Drink large amounts of water. Get medical attention immediately!
- SKIN:** Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Remove contaminated clothing. Contact physician if irritation persists.
- EYES:** Immediately rinse with water. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5. FIRE FIGHTING MEASURES

FLAMMABILITY LIMIT - LOWER(%): N/A
FLAMMABILITY LIMIT - UPPER(%): N/A

FLAMMABILITY CLASS:
 No Uniform Fire Code noted.

EXTINGUISHING MEDIA:
 Fire can be extinguished using: Water spray, fog or mist. Foam. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES:
 Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Keep run-off water out of sewers and water sources. Dike for water control.

HAZARDOUS COMBUSTION PRODUCTS:
 Oxides of: Carbon. Nitrogen.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES:
 Collect carefully in closed container. Move container and sanitize area using water.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:
 Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Eye wash station should be available at the work place.

STORAGE PRECAUTIONS:
 Keep away from heat, sparks and open flame.

STORAGE CRITERIA:
 Chemical storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	OSHA PEL:	ACGIH TLV:	OTHER:	UNITS:
		TWA:	STEL:	TWA:	

STODDARD SOLVENT	8052-41-3	100	N.E.	100	N.E.	350	N.E.	ppm
ETHANOL, 2,2',2'-NITRILOTRIS-	102-71-6	N.E.	N.E.	5	N.E.	N/A	N/A	mg/m3

PROTECTIVE EQUIPMENT:**ENGINEERING CONTROLS:**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES:

Protective gloves must be used if there is a risk of direct contact or splash.

EYE PROTECTION:

If risk of splashing, wear safety goggles or face shield.

PROTECTIVE CLOTHING:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Clear. Liquid.	
COLOR:	Light (or pale).	
ODOR:	Mild (or faint).	
SOLUBILITY DESCRIPTION:	Soluble in water.	
BOILING POINT (°F, interval):	~212	PRESSURE: 760mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):	~1.03	TEMPERATURE (°F): 61
VAPOR DENSITY (air=1):	>1	
EVAPORATION RATE:	<1	REFERENCE:BuAc=1
pH-VALUE, CONC. SOLUTION:	~ 9.0	

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID:

Avoid contact with acids and oxidizing substances.

HAZARDOUS POLYMERIZATION:

Will not polymerize.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of: Carbon. Nitrogen.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

No data on possible environmental effects have been found.

BIOACCUMULATION:

Not determined.

BIODEGRADABILITY:

Not determined.

ACUTE AQUATIC TOXICITY:

Not determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

U.S. DOT:

U.S. DOT HAZARD LABEL:

No DOT label requirement noted

U.S. DOT CLASS:

Non-Hazardous (No label required).

15. REGULATORY INFORMATION

REGULATORY STATUS OF INGREDIENTS:

NAME:	CAS No:	TSCA:	CERCLA:	SARA 302:	SARA 313:	DSL(CAN):
STODDARD SOLVENT	8052-41-3	Yes	N/A	N/A	N/A	Yes
ETHANOL, 2,2',2''-NITRILOTRIS-	102-71-6	Yes	N/A	N/A	N/A	Yes

US FEDERAL REGULATIONS:

REGULATORY STATUS:

This Product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented): TSCA: The ingredients of this product are on the TSCA Inventory. SARA 311 Categories: NONE. SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

STATE REGULATIONS:

STATE REGULATORY STATUS:

This product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented):. PROPOSITION 65: This product does not contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity, and for which warnings are now required.

CANADIAN REGULATIONS:

REGULATORY STATUS:

This Material Safety Data Sheet has been prepared in compliance with the Controlled Product Regulations. Canadian WHMIS.
Not a controlled product.

16. OTHER INFORMATION

NFPA HAZARD RATING:

HEALTH:

No health hazards specifically noted for fire situations (0).

FLAMMABILITY:

Burns only if pre-heated (1).

REACTIVITY:

N/A (0).

SPECIAL HAZARD:

N/A

NPCA HMIS HEALTH:

0 Minimal Hazard

PERS. PROTECT. INDEX:

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PREPARED BY:

Stacey Lorenz

DATE:

July 26, 2001

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the date thereof, Chemtool Incorporated makes no warranty with respect thereto and disclaims all liability from reliance therein.