

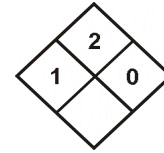
MATERIAL SAFETY DATA SHEET

PRODUCT VARNICIDE



NFPA HAZARD RATINGS*

Health	1	Slight health hazard
Fire	2	Moderately combustible
Stability	0	Stable



SECTION 1: PRODUCT INFORMATION

Manufacturer: ADCO Cleaning Products LLC, 900 W. Main, Sedalia, MO 65301 (660) 826-3300
 EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
 Intended Product Use: Antioxidant/antimicrobial - to prevent development of rancid odors.
 Synonyms: None

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Aromatic petroleum distillates	<75	64742-95-6	100 ppm TWA	oral: 4.7 g/kg (rat) dermal: 3.48 g/kg (rat)

SECTION 3: PHYSICAL DATA

Appearance: Clear to light, red liquid Boiling Point: 315°F
 Odor: Like kerosene Solubility in Water: Insoluble
 Specific Gravity (20° C): 0.915 Vapor Pressure (mm Hg): 9.4 mm Hg
 pH: No data Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 112° (TCC) Upper Flammable Limit: No data
 Lower Flammable Limit: No data
 Extinguishing Media: Dry chemical, carbon dioxide, water fog, or other media for Class B fires.
 Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Cool containers with water spray.
 Unusual Fire and Explosion Hazards: Vapors may form combustible or explosive mixture with air. Combustion products may be toxic.

SECTION 5: REACTIVITY DATA

Stability: Stable Conditions to Avoid: Use or storage at temperatures over 120°F.
 Incompatibility (materials to avoid): Strong oxidizers.
 Hazardous Decomposition Products: Burning may produce toxic vapors
 Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Low
 Effects of Overexposure: Acute: Dizziness, intoxication, nose, lung, and eye irritation from vapors. Eye and skin irritation from contact.
 Chronic: None
 Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS 100 ppm TWA (aromatic petroleum distillates)	IRRITANCY OF PRODUCT Moderate eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA
TERATOGENICITY No effects reported	REPRODUCTIVE TOXICITY No effects reported	MUTAGENICITY None reported	SYNERGISTIC PRODUCTS None reported

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed with adequate ventilation. When cleaning up large spills in confined areas, self-contained breathing apparatus is recommended

Ventilation: Normal industrial ventilation is adequate.
Local exhaust at work station recommended.

Protective Gloves: Ordinarily not needed. Use chemically resistant gloves when contact is prolonged or frequent.

Eye Protection: Use goggles or face mask if splashing is likely.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING: Store in plastic or lined metal containers. Use plastic or stainless steel drum pump.
Keep away from heat and open flames.

SPILL OR LEAK PROCEDURES: Avoid breathing vapors. Keep from sources of ignition. Soak up on absorbent material and shovel into containers for disposal.

WASTE DISPOSAL METHOD: Dispose of in manner that complies with all local, state, and federal regulations for combustible wastes.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Use with adequate ventilation. Avoid prolonged breathing of vapors. Keep away from heat and open flames. Avoid contact with skin and eyes.

FIRST AID:

In case of contact, flush eyes for 15 minutes with water. Wash off of skin with soap and water. If swallowed, do NOT induce vomiting.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: Remove person overcome by vapors to fresh air.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: Do NOT induce vomiting.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does contain some components which are under the reporting requirements of SARA Title III, Section 313. If you are required to report discharges using Form R, SARA Title III, Section 313, information is available on amounts of reportable components.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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