

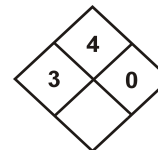
MATERIAL SAFETY DATA SHEET

PRODUCT GLUEAWAY



NFPA HAZARD RATINGS*

Health	3	High health hazard
Fire	4	Extremely flammable
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: Stain removal agent for laundry and drycleaning
 Synonyms: None

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Methyl isobutyl ketone (4-methyl-2-pentanone)	100	108-10-1	50 ppm TWA	oral: > 1600 mg/kg (rat) dermal: > 10 ml/kg (rabbit)

SECTION 3: PHYSICAL DATA

Appearance: Clear liquid
 Odor: Like camphor
 Specific Gravity (20° C): 0.851
 pH: No data
 Boiling Point: 241°F
 Solubility in Water: Slight
 Vapor Pressure (mm Hg): 15 @ 20°C
 Vapor Density: Heavier than air

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 60° (TCC)
 Upper Flammable Limit: 7.50%
 Lower Flammable Limit: 1.40%
 Extinguishing Media: Dry chemical, carbon dioxide, foam, water fog - compatible with all types.
 Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Use water spray to cool fire exposed containers.
 Unusual Fire and Explosion Hazards: Vapors may travel along floor and form combustible or explosive mixture with air. Combustion products may be toxic.

SECTION 5: REACTIVITY DATA

Stability: Stable
 Conditions to Avoid: Avoid heat, sparks and open flames.
 Incompatibility (materials to avoid): Strong oxidizers.
 Hazardous Decomposition Products: Burning produces toxic, irritating fumes.
 Hazardous Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Low
 Effects of Overexposure:
 Acute: Exposure to high concentrations of vapors can cause headaches, dizziness and nausea. Contact with eyes, prolonged or repeated contact with skin may cause irritation. Moderately toxic if swallowed; may produce CNS depression.
 Chronic: None known.
 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 50 ppm TWA (methyl isobutyl ketone)	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 is 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 closed containers in a well ventilated area. Keep containers closed when not in use. Keep away from heat and open flame.

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

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

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

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

FIRST AID:

Remove person overcome by vapors to fresh air. In case of contact with eyes, flush for 15 minutes with water. Wash off of skin with soap and water. If swallowed, do NOT induce vomiting. Call physician immediately.

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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