

MATERIAL SAFETY DATA SHEET

PRODUCT

Formula Z



Division of Adco

HMIS HAZARD RATINGS:

Health 1
Flammability 1
Physical hazards 0

SECTION 1: PRODUCT INFORMATION

Manufacturer: Superior Oil Company, 400 W. Regent St., Indianapolis, IN 46225
EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
Intended Product Use: Spot and stain remover
Synonyms:

SECTION 2: HAZARDOUS INGREDIENTS

Table with 5 columns: Chemical Name, %, CAS #, OSHA PEL, LD 50. Row 1: None

SECTION 3: PHYSICAL DATA

Appearance: Clear and colorless
Odor: Clean bouquet
Specific Gravity (20° C): 1.049
pH (20:80 in IPA/H2O Soln.): 10-11
Boiling Point: 212°F
Solubility in Water: Soluble
Vapor Pressure (mm Hg): 17.5 mm Hg
Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): >200 (TCC)
Upper Flammable Limit: None
Lower Flammable Limit: None
Extinguishing Media: Water, foam, carbon dioxide, dry chemical as for surrounding fires.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Carbon monoxide, carbon dioxide, irritating aldehydes, and ketones may be formed on burning.

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Extremely high temperatures
Incompatibility (materials to avoid): Strong oxidizers
Hazardous Decomposition Products: May evolve oxides of phosphorus as well as other phosphorus containing compounds.
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slight
Effects of Overexposure: Acute: Contact with skin and eyes can cause irritation and redness. Mist may irritate nasal and respiratory passages.
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.

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|---------------------------------------|--|---|---|
| EXPOSURE LIMITS See Section 2 | IRRITANCY OF PRODUCT Slight 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: Use NIOSH or MSHA approved air respirator if vapor or mist is expected to generate.

Ventilation: Recommended.

Protective Gloves: Recommended for prolonged or repeated contact.

Eye Protection: Wear safety glasses or face shield.

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

STORAGE AND HANDLING: Keep out of reach of children. Return empty drums to a licensed reconditioning service.

SPILL OR LEAK PROCEDURES: Absorb on solid absorbent and contain spill if possible. Avoid skin and eye contact.

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state, and federal regulations.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Use with adequate ventilation. Avoid prolonged breathing of vapors. Avoid contact with skin and eyes.

FIRST AID:

Flush eyes with water for 15 minutes. Rinse skin with plenty of water. If overexposed to vapors or mist, remove to fresh air. If ingested, give large quantities of water. Get medical attention for eye contact or ingestion.

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: If overexposed to vapors or mist, remove to fresh air. Get medical attention if breathing becomes difficult.

Eyes: Flush with water for 15 minutes. Get medical assistance immediately.

Skin: Rinse with plenty of water. Get medical attention if irritation persists.

Ingestion: Give large quantities of water. Get medical assistance. Do not give anything by mouth to an unconscious person.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does not contain any components which are under the reporting requirements of SARA Title III, Section 313.

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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