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MATERIAL SAFETY DATA SHEET

MANUFACTURER: K & K Chemical Co.
TELEPHONE NO.: (800) 327-0646
ADDRESS: 1303 Industrial Drive, Royse City, TX 75189

PRODUCT: GYM MAGIC™
PART NUMBER(S): P-220

MSDS Prepared By: J. Austin Maglothin, Ph.D.
Revision Date: April 15, 1998

SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable
Trade Name & Synonyms: GYM MAGIC™
Chemical Family: Hydrocarbon / chlorinated hydrocarbon mixture
Formula: Trade Secret

SECTION II - HAZARDOUS INGREDIENTS

WARNING! This product contains chemicals known to the State of California to cause cancer.

Petroleum distillate	CAS No.	64742-48-9
Perchloroethylene		107-06-2
Dichloromethane		75-09-2

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): Not Determined
Vapor Pressure (mm Hg @ 20°C): Not Applicable
Vapor Density (Air = 1): >1
Specific Gravity (H₂O = 1): 0.809
% Volatile by Volume: 100
Evaporation Rate (H₂O = 1): Not Determined
Solubility in Water: Insoluble
Appearance and Odor: Clear colorless fluid with lemon fragrance

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):
- LEL: Not Determined
- UEL: Not Determined
Flash Point (Method Used): 86°C (TCC)
Extinguishing Media: Use any appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus
Unusual Fire & Explosion Hazards: Product as formulated will not ignite, but may provide fuel to an existing fire. After the chlorinated hydrocarbons have evaporated, the residual material is combustible.

SECTION V - HEALTH HAZARD DATA

Route of Entry: Inhalation, skin absorption, eye contact, ingestion
Carcinogenic Assessment: Perchloroethylene has been identified as an animal carcinogen by NTP and has caused liver and kidney toxic effects in test animals.
Threshold Limit Value: 25 ppm
Effects of Overexposure: Acute systemic effects: flushing of face and neck, drowsiness, headache, slurred speech, dizziness, light-headedness, numbness, incoordination and narcosis. Mild irritant to nose and throat. Mild skin irritant; prolonged contact may produce burning sensation. Liquid in eyes produces pain and irritation with mild temporary damage possible. Aspiration into the lungs can cause pneumonitis, pulmonary edema and chemical pneumonia, in addition to the systemic effects above. Ingestion results in severe gastrointestinal irritation with nausea, stomach cramps and diarrhea. Aggravates existing liver disease, rhythm disorders of the heart, neuritis, dermatitis and upper respiratory disorders.
Emergency & First Aid Procedures: Eye contact: Remove contact lenses. Flush eyes with water for 15 minutes, lifting lids occasionally. If irritation persists, get medical attention. Skin contact: Remove contaminated clothing and shoes. Wash skin with soap and water. If irritation persists, get medical attention. Inhalation: Remove to fresh air. If breathing has stopped, administer artificial respiration. If symptoms are serious or persistent, get medical attention. Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizers, strong alkalis, aluminum
Hazardous Decomposition Products: Hydrogen chloride gas, hydrogen gas, chlorine gas, phosgene.
Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Ventilate area. Avoid breathing vapors. Contain spill. Soak up in inert absorbent and put in sealed containers for hazardous waste disposal.
Waste Disposal Method: Dispose of as hazardous waste. Consult local authorities. Rinse container well before discarding in an authorized local, state or federal landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required where ventilation is adequate. For large spills use self-contained breathing apparatus.
Ventilation: Do not use in closed or confined space. Use mechanical ventilation to maintain vapor levels below TLV.
Protective Gloves: Solvent resistant
Eye Protection: Safety glasses. Wear chemical goggles or face shield if splashing is possible.
Other Protective Equipment: Solvent resistant boots, apron and headgear where splashing is a possibility.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Prevent water or moist air from entering.
Other Precautions: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.