

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
NFPA Rating: Health-2; Flammability-1; Reactivity-0; Special-	HMS Rating: Health-2; Flammability-1; Reactivity-0; Personal Protection-B
Manufacturer's Name: AMREP, INC.	DOT Hazard Classification: Combustible Liquid 3
Address: 990 Industrial Park Drive Marietta, GA 30062	Identify (trade name as used on label): <i>Waterless GYM MISTY GYM SHEEN Floor Cleaner</i>
Date Prepared: 10/11/95 Prepared By: ES	MSDS Number: R 814 Revision - 6
Information Calls: (404)422-2071	NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA
EMERGENCY RESPONSE NUMBER: 1(800)255-3924	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
MINERAL SPIRITS	64742-88-7	No	N/E	N/E	d
PERCHLOROETHYLENE	127-18-4	Yes	25	50	a,b
DICHLOROMETHANE	75-09-2	Yes	100	50	d

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D	Specific Gravity (H ₂ O=1): 0.84
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D
Vapor Density (Air = 1): >1	Evaporation Rate (= 1): N/D
Solubility in Water: Insoluble	Water Reactive: No
Appearance and Odor: Clear, colorless, non-viscous liquid with lemon fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/D	Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): None TCC	EXTINGUISHER MEDIA: Product as formulated will not ignite, but under some conditions may provide fuel to an existing fire. After the chlorinated hydrocarbons have evaporated the residual material is combustible & will ignite in a fire.	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained positive pressure breathing apparatus.	Unusual Fire & Explosion Hazards: High intensity heat sources may thermally decompose chlorinated hydrocarbons giving rise to toxic gas & noxious vapor.	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers, barium, lithium, strong alkalis, aluminum.	Conditions to Avoid: Avoid contact with open flame, electric arcs or other hot surfaces which can cause thermal decomposition.
Hazardous Decomposition Products: Oxides of carbon, hydrogen chloride gas, hydrogen gas, chlorine gas, phosgene, unidentified organics.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS: Systemic effects: Flushing of face & neck, headache, slurred speech, drowsiness, dizziness, light headedness, numbness, incoordination, narcosis.	
Inhalation: Mild irritation to nose & throat. Aspiration of liquid into lungs (even small amounts) can cause pneumonitis, pulmonary edema, chemical pneumonia, in addition to systemic effects above.	
Eye Contact: Liquid in eyes produces pain & irritation with mild temporary damage possible. Vapor can irritate eyes.	Skin Contact: Prolonged contact may cause burning sensation. Repeated exposures may be mildly irritating & cause defatting of skin & dermatitis.
Ingestion: Severe gastrointestinal irritation with nausea, stomach cramps, diarrhea likely. If vomiting occurs, fluid may be aspirated into lungs.	
CHRONIC EFFECTS: Perchloroethylene has been identified as an animal carcinogen by NTP & has caused liver & kidney toxic effects in chronically over-exposed experimental animals.	
Medical Conditions Generally Aggravated by Exposure: Acute & chronic liver disease, rhythm disorders of the heart, neuritis, upper respiratory disorders, dermatitis.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Remove contact lenses. Flush eyes with water for 15 minutes, lifting eyelids occasionally. If irritation persists, get medical attention.
Skin Contact: Remove contaminated clothing & shoes. Wash skin with soap and water. If irritation persists, get medical attention. Launder clothing before reuse.
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. If vomiting occurs, keep head below hips to prevent aspiration of vomitus.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required where ventilation is adequate. For large spills and/or emergencies use approved self-contained breathing apparatus or airline respirator with full face piece.	
Protective Gloves: Solvent resistant.	Eye Protection: Safety glasses; chemical goggles and/or face shield if splashing is possible.
Ventilation Requirements: Do not use in closed or confined space. Use ventilation adequate to maintain concentrations below TLV.	
Other Protective Clothing & Equipment: Solvent resistant boots, apron, headgear where splashing is a possibility. Safety shower & eyewash station.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling product. Avoid contact with skin & breathing vapors.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material is Spilled Or Released: Ventilate area, avoid breathing vapors, contain spill. DO NOT flush to sewer or contaminate ground or surface waters. Soak up in inert absorbent & transfer to properly labeled non-leaking sealed containers for proper disposal as hazardous waste.
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.
Precautions To Be Taken in Handling & Storage: Store in original containers. Keep closed when not in use. Shelf life 1 year. Prevent water or moist air from entering.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

TECHNICAL DATA SHEET

Product Name: Misty Gym Sheen

Item Number: R814

Description: This product is specifically formulated for use on wood gymnasium floors and other similar hard wood floors. This highly specialized cleaner can remove dust, dirt, spills, rubber burns, and harmful abrasive matter from finished wood floors. Due to the rapid evaporation time, the treatment will dry in approximately 5 minutes. Treated surface will be cleaned, deep, rich luster will be restored, and floor will be free of any oily or slippery residue. Note: This product is intended for use on wooden floors only. Do not use to clean and treat rubber composition gym floors.

Directions: *Light Cleaning:* Saturate dust mop with treatment. Wipe down floor surface scrubbing with mop on heavily soiled areas. Allow to air dry. *Heavy Duty Cleaning:* Apply product to floor using a regular string mop. Apply pressure to rubber burns. Use a dry dust mop to pick up excess cleaning material and dissolved debris. *Half-Time Maintenance:* Use a dust mop which has been lightly treated with product to pick up perspiration splatters and remove scuffs. Do not attempt to thoroughly clean entire floor surface.

DANGER: Contains Petroleum distillates, methylene chloride and perchloroethylene. Vapor harmful. Harmful or fatal if swallowed. Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Eye & skin irritant. Avoid contact with skin and eyes. If eye contact occurs, flush with water for 15 minutes lifting eyelids occasionally. If irritation persists, consult a physician. If skin contact occurs, remove contaminated clothing. Wash with soap and warm water. If irritation persists, consult a physician. Combustible liquid. Use only in a well ventilated area. Do not use near heat, sparks, open flame or other sources of ignition. Do not smoke in use area. Keep container sealed when not in use. This product is not recommended for cleaning of computers or data processing equipment. Some plastics and rubber may be adversely effected by extended contact with solvent.

Contains methylene chloride which has been shown to cause cancer in certain laboratory animals. Risk to your health depends on level and duration of exposure. Use this product outdoors if possible. If you must use it indoors, open all windows and doors or use other means to ensure fresh air movement during application and drying. If properly used, a respirator may offer additional protection. Obtain professional advice before using. A dust mask does not provide protection against vapors. Do not use in basement or other unventilated areas. Avoid inhalation of spray mist or vapors. If overcome, move patient to fresh air. Call a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

Container Disposal: Triple rinse container and discard according to local regulations.

Spill Or Leakage Procedures: Ventilate area, avoid breathing vapors, contain spill. **DO NOT** flush to sewer or contaminate ground or surface waters. Soak up in inert absorbent & transfer to properly labeled non-leaking sealed containers for proper disposal as hazardous waste.

Product Specifications:

USDA Classification:	N/A	pH:	N/A
Color:	Water White	Flash Point:	None
Odor:	Lemon	Lbs./gal.:	6.84
Appearance:	Clear	Shelf Life:	One year in a sealed container

HMIS RATING: Health-2; Flammability-1; Reactivity-0; Personal Protection-B.

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Manufactured by:

990 Industrial Park Drive · Marietta, GA 30062
945 East Pleasant Run Road · Lancaster, TX 75146
3600 West Carriage Drive · Santa Ana, CA 92704