

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Date of Prep: 1/14/93

SECTION 1

SUNNYSIDE CORPORATION
225 CARPENTER AVENUE
WHEELING, ILLINOIS 60090
EMERGENCY TELEPHONE

(708) 541-5700
(800) 424-9300

SUNNYSIDE CORPORATION
CHEM TREC

FOR INFORMATION: (708) 541-5700

Product Class:	Petroleum Hydrocarbon	Manufacturer's Code:	803
Trade Name:	MINERAL SPIRITS	NPCA HMIS:	Health: 1 Fire: 2 Reactivity: 0

Product Appearance and Odor: Clear, water-white liquid; petroleum odor.

SECTION 2 -- HAZARDOUS INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Mineral Spirits	64742-88-7 (For Stoddard Solvent - CAS #8052-41-3)		100 PPM		100 PPM		2.0 MM Hg @ 20° C.

SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.
Skin Contact:	Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.
Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing.
Ingestion:	Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

SECTION 4 -- PHYSICAL DATA

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range: 315-395° (F)	Vapor Density: Heavier than air
Evaporation Rate: Slower than ether	% Volatile By Volume: Approx. 100%
Weight Per Gallon: 6.43 lbs.	
Solubility in Water: Negligible; less than 0.1%	

SECTION 5 -- FIRE AND EXPLOSION DATA

Flammability Classification:	Combustible Liquid - Class II.
Flash Point:	102°(F) Tag. Closed cup
Autoignition Temperature:	445°F
Lower Explosive Limit:	0.9%
Extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray. Do not use direct water stream; it will spread fire.
Unusual Fire and Explosion Hazards:	Do not store or mix with strong oxidants.
Special Fire Fighting Procedures:	Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water.

SECTION 6 -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section 2.

EFFECTS OF OVEREXPOSURE

Acute

Eye Contact:	May cause irritation, discomfort, redness and swelling of the eye.
Skin Contact:	Liquid is slightly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.
Inhalation:	Vapors may cause irritation to nose, throat and respiratory tract. High vapor concentrations may result in central nervous system depression.

Ingestion: Ingestion may result in vomiting, aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Chronic: Repeated skin contact may aggravate an existing dermatitis (skin condition).

Carcinogenicity: This product has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 7 -- REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Heat, sparks and open flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents like liquid chlorine or concentrated oxygen.

Hazardous Decomposition Products: Thermal decomposition may yield carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION 8 -- SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled or released: Remove ignition sources, evacuate area, avoid breathing vapor or contact with liquid. Recover free liquid or stop leak if possible. Dike large spills and use absorbent material for small spills. Keep spilled material out of sewers, ditches and bodies of water.

Waste disposal method: Incinerate under safe conditions; dispose of in accordance with local, state and federal regulations.

SECTION 9 -- SAFE HANDLING AND USE INFORMATION

Respiratory Protection: Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.

Ventilation: Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements. See Section 2. Use explosion-proof equipment. No smoking.

Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical safety goggles.

Other Protective Equipment: Impervious clothing or boots, if needed.

SECTION 10 -- SPECIAL PRECAUTIONS

Dept. of Labor Storage Category: Combustible Liquid - Class II

Hygienic Practices: Keep away from heat, sparks and open flame. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.

Additional Precautions: Ground containers when transferring liquid to prevent static accumulation and discharge.

Empty Container Warning: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to supplier or disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 11 -- ADDITIONAL INFORMATION

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>TOXIC CHEMICAL</u>	<u>CAS #</u>	<u>APPROXIMATE % BY WEIGHT</u>
	NONE	

Sara Title III Hazard Categories: Immediate (Acute) Health, Delayed (Chronic) Health

Common Names: Solvent Naphtha (Petroleum), Aliphatic Hydrocarbon, Petroleum Distillate

California Proposition 65: This product contains trace amounts of benzene, a chemical known to the State of California to cause cancer, and Toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

TRANSPORTATION

D.O.T. Proper Shipping Name:	Petroleum Naphtha
D.O.T. Hazard Class:	Combustible Liquid
D.O.T. I.D. Number:	UN 1255

MAR 23 1993

SUNNYSIDE CORPORATION
225 CARPENTER AVENUE
WHEELING, IL 60090
March 19, 1993

PERSONNEL MGR OR SAFETY DIRECTOR
RISK MANAGEMENT OFFICE
UW-WHITEWATER
LIBRARY ROOM 2008
WHITEWATER WI 53190

SUNNYSIDE CORPORATION, AS WELL AS OTHER RESPONSIBLE DISTRIBUTORS OF PETROCHEMICALS, IS INTERESTED IN THE PROPER AND SAFE HANDLING OF OUR PRODUCTS BY OUR CUSTOMERS, THEIR EMPLOYEES AND OTHERS WHO MAY COME IN CONTACT WITH THESE PRODUCTS. THEREFORE, WE URGE YOU TO CAREFULLY READ THE ENCLOSED MATERIAL SAFETY DATA SHEET (S). THIS INFORMATION SHOULD BE COMMUNICATED TO ALL SUBSEQUENT USERS OF THE PRODUCT. MATERIAL SAFETY DATA SHEET (S), AND OTHER INFORMATION ON ALL PRODUCTS WHICH WE SUPPLY ARE AVAILABLE UPON REQUEST.

DEFINITIONS OF TERMS THAT ARE NOT SELF-EXPLANATORY

TLV - THRESHOLD LIMIT VALUE: A SET OF STANDARDS ESTABLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) FOR AIRBORNE SUBSTANCES IN WORKROOM AIR; THEY ARE TIME-WEIGHTED AVERAGES BASED ON CONDITIONS WHICH IT IS BELIEVED THAT WORKERS MAY BE REPEATEDLY EXPOSED TO DAY AFTER DAY WITHOUT ADVERSE EFFECTS. TLV VALUES ARE INTENDED TO SERVE AS GUIDES IN CONTROL OF HEALTH HAZARDS, RATHER THAN DEFINITIVE MARKS BETWEEN SAFE AND DANGEROUS CONCENTRATIONS.

LEL - LOWER EXPLOSIVE LIMIT: THE MINIMUM CONCENTRATION OF VAPOR IN AIR, BELOW WHICH PROPAGATION OF FLAME DOES NOT OCCUR ON CONTACT WITH A SOURCE OF IGNITION. GENERALLY BASED UPON NORMAL ATMOSPHERIC TEMPERATURES AND PRESSURES, UNLESS OTHERWISE INDICATED. USUALLY, ELIMINATION OF ALL SOURCES OF IGNITION IS THE BEST METHOD OF FIRE PREVENTION.

DEPARTMENT OF LABOR FLAMMABILITY CLASSIFICATION (OSHA CLASSIFICATION 29 CFR - 1910.106 (A) PARTS 18-19): SUSCEPTIBILITY TO BURNING IS THE BASIS FOR ASSIGNING DEGREES WITHIN THIS CATEGORY.

STABILITY: AN UNSTABLE PRODUCT IS ONE WHICH UNDER FORESEEABLE CONDITIONS OF USE OF STORAGE MAY CREATE A DANGEROUS CONDITION.

FLASH POINT: THE TEMPERATURE, IN DEGREES FAHRENHEIT, AT WHICH A LIQUID GIVES OFF SUFFICIENT VAPOR TO FORM A FLAMMABLE OR IGNITABLE MIXTURE WITH AIR. (TAG. CLOSED CUP DENOTES THE LABORATORY TEST METHOD THAT IS USED IN DETERMINING THE FLASH POINT.)

Enclosures: 803