WRR Environmental Services Co., Inc. 5200 State Rd. 93 Eau Claire WI 54701

EMERGENCY PHONE: 800-669-4162 OTHER: 715-834-9624

PRODUCT NAME: MINERAL SPIRITS 105

05/22/2002

DATE PRINTED: 5/22/2002

ITEM NUMBER: MNSP-523

DOT DESCRIPTION: COMEUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPTHA), NA1993,

## I. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS Stoddard Solvent	CAS NUMBER 8052-41-3	TLV (PPM)	OSHA PEL (PPM) 500	% BY WT
		100		99-100

## SARA 313- SUPPLIER NOTIFICATION

This product contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40

Subject chemicals are as follows:

NONE

## II. PHYSICAL DATA

FLAMMABLE: 2 HEALTH: 1 REACTIVITY: 0 SPHAZARD: NONE

BOILING RANGE: 313-360 F

FREEZING POINT: N/A

SPECIFIC GRAVITY (H2O=1): 0.796

VAPOR PRESSURE AT 20C (mmHg): 5

VAPOR DENSITY (AIR=1): 4.8

SOLUBILITY IN WATER (% BY WT. AT 20C): INSOLUBLE IN WATER

EVAPORATION RATE (BUTYL ACETATE=1): 0.08

APPEARANCE: COLORLESS TO SLIGHT TINT

ODOR: MILD ODOR

WRR Environmental Services Co., Inc. 5200 State Rd. 93 Eau Claire WI 54701

EMERGENCY PHONE: 800-669-4162 OTHER: 715-834-9624

PRODUCT NAME: MINERAL SPIRITS 105

#### III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): 105-135 TOC FLAMMABLE LIMITS IN AJR (% BY VOLUME):

UPPER-- 6.0 LOWER-- 0.8

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical for small fires, AFFF-ATC (alcohol) foam for large fires.

SPECIAL FIRE FIGHTING PROCEDURES: Positive pressure self-contained breathing apparatus, NIOSH approved, should be used. Containers exposed to fire should be cooled with water to prevent buildup of pressure.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.

#### IV. HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation, skin or eye contact, ingestion

Carcinogen? NONE NTP\_\_\_ IARC\_\_\_ OSHA\_\_

MEDICAL CONDITION ACGRAVATED: Individuals with pre-existing diseases of the lungs, liver, or kidneys may have increased susceptibility to the toxicity of excessive exposures.

## SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes - Can cause severe irritation, redness, tearing, blurred vision.

Skin - Prolonged or repeated contact can cause moderate irritation, defeating, dermatitis.

Ingestion - Can cause nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Inhalation - Can cause:

NOSE IRRITATION
HEADACHE
NAUSEA
RESPIRATORY IRFITATION

WEAKNESS GIDDINESS THROAT IRRITATION

DIZZINESS
DROWSINESS
FATIGUE
FLUSHED FACE

Continued on Next Page

Page2

WRR Environmental Services Co., Inc. 5200 State Rd. 93 Eau Claire WI 54701

EMERGENCY PHONE: 800-669-4162 OTHER: 715-834-9624

PRODUCT NAME: MINERAL SPIRITS 105

Greater exposure can also cause possible unconsciousness, asphyxiation, aortic plaques, heart beat irregularities and convulsions.

## EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact - Flush with water for 15 minutes, call physician.

Skin Contact - Remove contaminated clothing. Wash with soap and water. Use a hand lotion for dryness. For irritation call physician.

Inhalation - Remove to fresh air and call physician. Give oxygen or artificial respiration if necessary.

Ingestion - Do not induce vomiting due to aspiration hazard. Seek medical attention immediately. Have list of ingredients ready.

#### V. REACTIVITY DATA

STABILITY: STABLE - X UNSTABLE -

CONDITIONS TO AVOID: Contact with sparks, fire, hot glowing surfaces, welding arcs or high temperature sources.

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizers, Alkalines and Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide and/or other oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

## VI. SPILL OR LEAK PROCEDURES

\*\*Steps to be Taken if Material is Released or Spilled\*\*

Contact proper authorities. Ventilate area. Use proper protective equipment. Remove all sources of ignition. Small spills - mop, wipe or soak up with absorbent materials. Place materials in drums. Large spills - stop leak at source, prevent spreading, pump to good drums and absorb remaining liquid vermiculite or other inert absorbent and sweep into closed container for disposal. Do not allow spill to enter sewer or waterway.

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state and local hazardous waste regulations. WRR can provide reclamation or disposal service. Contact WRR for information.

Continued on Next Page

Page3

WRR Environmental Services Co., Inc. 5200 State Rd. 93 Eau Claire WI 54701

EMERGENCY PHONE: 800-669-4162 OTHER: 715-834-9624

PRODUCT NAME: MINERAL SPIRITS 105

#### VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION - If any PEL is exceeded use NIOSH approved organic cartridge respirator, supplied air respirator or positive pressure self-contained breathing apparatus.

VENTILATION - Maintain airborne concentrations below PEL levels. Use only with adequate ventilation. Provide local exhaust where necessary.

PROTECTIVE GLOVES - Nitrile recommended.

EYE PROTECTION - Splash proof goggles or face shield.

OTHER PROTECTIVE EQUIPMENT - Protective rubber suit and boots over parts of body subject to exposure.

#### VIII. SPECIAL PRECAUTIONS

\*\*Precautions to be Taken in Handling and Storage\*\*

Combustible! Use non-sparking tools.

Keep away from heat, sparks, fire and out f sun. Provide electrical grounding for containers and equipment when handling this product. Keep container tightly closed when not in use. Never use pressure to empty container. Store in a dry, ventilated area. Empty containers may be hazardous; it may contain vapor and residues. Do not cut, drill or weld on or near containers.

#### \*\*Other Precautions\*\*

Breathing of vapor my be harmful. Use with adequate ventilation. Avoid contact with eyes, skin and clothing.