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S O L V E N T S Y S T E M S I N T E R N A T I O N A L

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*** MATERIAL SAFETY DATA SHEET ***

(PAGE 1)
DATE OF PREP : 03/04/11

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SECTION I CHEMICAL AND COMPANY IDENTIFICATION

DISTRIBUTOR Solvent Systems International, Inc.
ADDRESS: 70 King Street
 Elk Grove Village, IL
 60007
TELEPHONE: (847) 437-1100
TRANSPORTATION EMERGENCY: (800) 424 - 9300 CHEMTREC
HEALTH EMERGENCY: Call your local poison information center
MFG.CODE ID:
TRADE NAME: SSI Solvent #150
SYNONYMS: Paraffinic, Naphthenic Solvent, Aliphatic Solvent

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SECTION II COMPOSITION / PHYSICAL - CHEMICAL DATA

<u>Components</u>	<u>Weight %</u>	<u>TLV(Units)</u>	<u>CAS Number</u>
Distillates(petroleum)	100 %	Recommended	64742-47-8
Hydrotreated Light		PEL: 100 ppm 525 mg/m ³ for 8 hour TWA	

Boiling Point Range:376 - 412°F (192 - 211°C) Freezing point: N/A Volatility/Vol%: 100 % Melting Point: <-94°F (<-70°C) Vapor Pressure(mm Hg): 0.32 Hg API Calc@68°F/20°C Vapor Density (air = 1): 5.4 Viscosity: 2.1cSt @ 68°F/20°C Solubility in H2O: 1.4 ppm @ 100°F/38°C	Appearance: Water-white oily liquid Odor: Hydrocarbon Specific Gravity (H2O = 1):... 0.809 @ 60°F/16°C Weight per Gallon: 6.73 lbs. Evaporation Rate: N/A pH: N/A Physical State: Liquid
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<u>Hazard Ranking</u>	<u>Health</u>	<u>HMIS</u>	<u>NFPA</u>
0 = Least		1	1
1 = Slight	Flammability	2	2
3 = High	Reactivity	1	1
4 = Extreme			

*** MATERIAL SAFETY DATA SHEET ***
SSI 150

(PAGE 2)
DATE OF PREP : 02/04/04

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SECTION III POTENTIAL HEALTH EFFECTS/TOXICOLOGICAL INFORMATION
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NO CARCINOGENIC INGREDIENTS

(This product has not been specifically tested. Toxicological data for similar products has been provided.)

EYES: Liquid contact may cause eye irritation. Direct contact with liquid or exposure to its vapors or mists may cause burning, tearing and redness. Eye irritation Index (Rabbits): 3.0 after one hour (maximum score = 110)

SKIN CONTACT: Repeated or prolonged contact can cause redness, irritation, and scaling of the skin (dermatitis). Persons with pre-existing skin disorders may be more susceptible to the effects of the material. Acute dermal LD₅₀ (Rabbits): 2.0 - 4.0 g/kg. Skin irritation index (Rabbits): 1.2 (maximum score = 8)

INHALATION: High vapor concentrations may cause headaches, stupor, and irritation of throat and eyes, and kidney effects. Extreme aspiration into the lungs may cause pneumonia or death. No toxicity was observed in rats exposed for four hours to 2 mg/l.

INGESTION: Low order of toxicity. Causes irritation of the stomach and intestine, resulting in nausea and vomiting. Aspiration Hazard - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage. Acute oral LD₅₀ (Rat): >5 g/kg.

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SECTION IV FIRST AID MEASURES
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EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing. Wash skin with soap and plenty of water. Seek medical attention if irritation or redness develops and persists.

INHALATION: Remove victim away from source and to fresh air. If victim is not breathing, artificial respiration should be administered by qualified personnel while medical attention is sought.

INGESTION: ASPIRATION HAZARD: Do not induce vomiting. Seek medical attention immediately.

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SECTION V EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering

Controls: Air contaminant levels should be controlled below the PEL or TL V for this product. Mechanical ventilation may be necessary if working with this product in enclosed areas and at elevated temperatures.

EYES: When contact with liquid is possible, use a face shield and chemical goggles. Otherwise, the use of safety glasses or goggles is recommended.

SKIN: Chemical gloves should be worn to prevent repeated skin contact and possible irritation. If the potential for significant exposure to liquid exists, use full protective clothing and chemical boots.

RESPIRATORY: NIOSH-approved organic vapor air-purifying respirator, self-contained breathing apparatus, or air-supplied respirators dependent on concentration. Respiratory protection is advised when concentrations exceed the established exposure limits.

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SECTION VI HAZARDS IDENTIFICATION - FIRE AND EXPLOSION

Emergency Overview

Water white, oily liquid. Hydrocarbon Odor.
FIRE OR EXPLOSION: CAUTION! COMBUSTIBLE LIQUID AND VAPOR
May be ignited by heat, spark or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire.
HEALTH HAZARD: MAY CAUSE SKIN IRRITATION High vapor concentration may cause headaches, stupor, irritation of throat and eyes.

FLASH POINT 145°F (63°C)

AUTOIGNITION TEMPERATURE 453°F (234°C)

FLAMMABLE LIMITS IN AIR % BY VOLUME:
LOWER: 0.7
UPPER: 4.8

FIRE AND EXPLOSION HAZARD
None expected. NFPA Class IIIA combustible liquid

EXTINGUISHING MEDIA:
Water spray, dry chemical, or alcohol compatible foam is recommended.

FIRE FIGHTING PROCEDURE:
The use of SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

*** MATERIAL SAFETY DATA SHEET ***
SSI 150

(PAGE 4)
DATE OF PREP : 02/04/04

SECTION VII STABILITY AND REACTIVITY

Conditions to avoid High temperatures
Incompatibility with other materials May react with strong oxidizers.
Hazardous decomposition products None expected
Hazardous polymerization None

SECTION VIII ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

Absorb spill with inert material, then place in a chemical waste container. For large spills, dike for later disposal. Keep all sources of ignition and hot metal surfaces away from spills. Persons performing clean-up work should wear adequate personal protective equipment and clothing. Dispose of according to local, state, and federal regulations.

Contains no chemicals on the CERCLA Hazardous Substance List

SECTION IX HANDLING / STORAGE / DISPOSAL

ELECTROSTATIC ACCUMULATION HAZARD:

When transferring this product, there is the potential for the accumulation of static electricity. Consideration should be given to bonding and grounding of equipment during loading, unloading, and transfer of this product.

USUAL SHIPPING CONTAINERS: Drums and DOT approved tank cars and tank trucks.

STORAGE/TRANSPORT TEMPERATURE: Ambient.

STORAGE/TRANSPORT PRESSURE: Ambient.

LOAD/UNLOAD TEMPERATURE: Ambient.

STORAGE AND HANDLING MATERIALS: Carbon steel is suitable.

WASTE CLASSIFICATION If discarded in its purchased form, this product is not a RCRA hazardous waste.

EMPTY CONTAINERS: Empty containers retain product 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, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

*** MATERIAL SAFETY DATA SHEET ***
SSI 150

(PAGE 5)
DATE OF PREP : 02/04/03

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SECTION X TRANSPORT INFORMATION

Proper shipping name: Petroleum Distillates, n.o.s.
Hazard Class: Combustible Liquid
Identification number: UN 1268
Packing Group: III

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SECTION XI REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD COMMUNICATION STANDARD CLASSIFICATION:
Combustible liquid as defined by the OSHA Hazard Communication Standard.

TSCA INVENTORY LISTING:

<u>Component</u>	<u>CAS Number</u>
Distillates (Petroleum), Hydrotreated Light	64742-47-8

SARA 302 STATUS:

Contains no chemicals subject to SARA 302 reporting.

SARA 311/312 CLASSIFICATION:

SARA 311/312 "Fire Hazard"

SARA 313 CHEMICALS:

Contains no chemicals subject to SARA 313 reporting.

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