

MATERIAL SAFETY DATA SHEET

Effective 7/1/05

N-TERPINAL™ RS 75

SECTION 1- PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER	N-TERPINAL™ RS75
MODEL NO.	RS-75
PRODUCT USE	Solvent
MANUFACTURER'S & SUPPLIER'S NAME:	WSI Industries 1325 W. Sunshine St., #551 Springfield, MO 65807 TELEPHONE: (417) 865-2862 EMERGENCY PHONE: (417) 877-0250 FAX: (417) 877-0255

SECTION 2- HAZARDOUS INGREDIENTS

One of the components of this compound contains N-Methyl-2-Pyrrolidone and is subject to reporting Requirements of SARA Title III Section 313. RS-75 is a non-controlled product under WHMIS (Workplace Hazardous Materials Information System). Carcinogenicity Status: NTP-No; OSHA-No; IARC-No; ACGIH-No

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE:	Liquid
APPEARANCE AND ODOR:	Clear liquid
ODOR (PPM):	<1
VAPOR PRESSURE (mm hG):	<0.0733
VAPOR DENSITY (Air=1-):	>1 g/l
EVAPORATION RATE:	Slow
VOC: (ASTM Method D 3960)	0.38 lb./gal
BOILING POINT: (ASTM Method D 86-82)	211 ⁰ F / 99 ⁰ C
FREEZING POINT:	N/A
pH: (EPA Method 150.1)	3.5 @ 78F/26 ⁰ C
SPECIFIC GRAVITY: (Westphal Balance)	1.0736 @ 69.8F/21 ⁰ C
SOLUBILITY IN WATER: (TSL Method)	100% @ 68F/20 ⁰ C
VISCOSITY: (Brookfield, ASTM Method D2196)	6.8 cps @ 77F/25 ⁰ C

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABLE LIMITS IN AIR (g/l):	LFL=N/D, UFL= N/D
FLASH POINT AND METHOD: (Closed Cup EPA Method 1010)	221 ⁰ F/ 104 ⁰ C
EXTINGUISHING MEDIA:	Foam, CO ₂ , Dry chemical
LOWER FLAMMABILITY LIMIT % BY VOL:	N/A
AUTOIGNITION TEMPERATURE	N/A
HAZARDOUS COMBUSTION PRODUCTS:	Carbon Monoxide, Oxides of Nitrogen
EXPLOSION DATA – SENSITIVITY TO IMPACT:	None
SENSITIVITY TO STATIC CHARGE:	None

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY:	Stable under normal conditions
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INCOMPATIBILITY:	Strong oxidizing agents
DECOMPOSING PRODUCTS:	None known
CONDITIONS FOR REACTIVITY:	Hazardous polymerization will not occur
ALUMINUM TEST: (Modified ASTM Method F482-84)	No effect

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:	Skin contact and absorption; eye contact; inhalation; ingestion
EFFECTS OF ACUTE EXPOSURE:	<u>Inhalation</u> —may cause irritation to mucous membranes; <u>Skin Contact</u> --may cause irritation or dermatitis; <u>Eye Contact</u> --may cause stinging or burning; <u>Ingestion</u> -- may cause irritation to the digestive system
EFFECTS OF CHRONIC OVER-EXPOSURE:	Eyes – may cause eye damage; Skin –may cause dermatitis
EXPOSURE LIMITS:	None
IRRITANCY OF PRODUCT:	Eye and skin irritant
SENSITIZATION TO PRODUCT:	None
CARCINOGENICITY:	None
TERATOGENICITY:	None
REPRODUCTIVE TOXICITY:	None
MUTAGENICITY:	None
SYNERGISTIC PRODUCTS:	None

SECTION 7 – PREVENTIVE MEASURES

GLOVES (SPECIFY):	Chemically resistant
RESPIRATOR (SPECIFY):	If needed, use MSHA/NIOSH approved, mist organic vapor cartridge (i.e., OVD/DM #8741 or #8751A from 3M)
EYE (SPECIFY):	Chemical splash goggles and/or face shield
FOOTWARE (SPECIFY):	Apron and rubber boots
OTHER (SPECIFY):	None
ENGINEERING CONTROLS (i.e., ventilation, enclosed process):	None required
WASTE DISPOSAL:	<u>BIODEGRADABLE</u>
	<i>Canada- Refer to local government regulations regarding waste disposal.</i>
	<i>USA – Virgin materials is not regulated by the Resource Conservation and Recovery Act (RCRA) (40 CFR PART 260-261).</i>
STORAGE REQUIREMENTS:	Store away from oxidizing Agents

SECTION 8 – FIRST AID MEASURES

EYE:	In case of contact, immediately flush with plenty of low-pressure water at least 15minutes. Remove any contact lenses to ensure thorough flushing. Call a physician.
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SKIN: Wash with soap and running water.

INHALATION: If inhaled, remove to area of fresh air. Drink large quantities of milk or water. Never give anything by mouth to an unconscious person. Call a physician or the Poison Control Center.

PRIMARY ROUTES OF ENTRY: Eyes, skin

SECTION 9 – PREPARATION INFORMATION

Prepared by Technical Services Laboratories, Inc. September 15, 1997 Report Number G-0624-B
File No. T-999

While the information and information set forth herein are believed to be accurate as of the date hereof, WSI Industries makes no Warranty with respect thereto and disclaims all liability for reliance thereon.

WSI Industries LLC.
1325 W. Sunshine St., #551
Springfield, MO 65807

Phone: (417) 865-2862 Fax: (417) 877-0255
Internet at [http:// www.solventreplacement.com](http://www.solventreplacement.com)
Email: fwellman@solventreplacement.com