

MATERIAL SAFETY DATA SHEET

Date Issued: 10-24-2012

AquaSOLV

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AquaSOLV

GENERAL USE: For professional drycleaning and wetcleaning use only.

PRODUCT DESCRIPTION: Stain Removal Agent

MANUFACTURER

R. R. Street & Co. Inc.
215 Shuman Boulevard/Suite 403
Naperville, IL 60563

Product Information: 800-323-7206 (USA
& Canada only) or 630-416-4244

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada
only) or 651-632-9272

Transportation Emergency: 800-424-9300 (USA &
Canada only) or 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
(trade secret #1)	-	-
(trade secret #2)	-	-
(trade secret #3)	-	-
(trade secret #4)	-	-

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause conjunctivitis, swelling, blurred vision, injury.

SKIN: Prolonged or repeated contact may cause dermatitis, injury.

SKIN ABSORPTION: No data available.

INGESTION: Substance may be harmful if swallowed. May cause vomiting. In the case of vomiting after ingestion, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information. High doses may cause central nervous system depression with collapse, coma, and possibly death. May damage kidneys.

INHALATION: May cause central nervous system depression. Severe overexposure may cause collapse coma, and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, burning sensation, redness.

SKIN: Irritation, redness.

SKIN ABSORPTION: Dizziness, drowsiness.

INGESTION: Headache, fatigue, loss of concentration, stomach irritation.

INHALATION: Irritation of the eyes, nose and throat, respiratory irritation, headache, fatigue, drowsiness, dizziness, loss of concentration, shortness of breath and coughing.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing CNS disorders, respiratory, eye and skin conditions, allergies.

ROUTES OF ENTRY: Inhalation and skin.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 46°C (115°F) TCC

FLAMMABLE LIMITS: 0.7% to 16.9%

AUTOIGNITION TEMPERATURE: Not available.

FLAMMABLE CLASS: NFPA Class II

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Extinguish all ignition sources. Avoid breathing vapor. Contain spill. Clean up spills immediately with absorbent material, observing precautions in the Protective Equipment section. Place absorbed material in closed containers for disposal (see section 13).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from heat, sparks and flame.

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers in a cool, well-ventilated area.

ELECTROSTATIC ACCUMULATION HAZARD: Ground and bond containers when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
(trade secret #1)	TWA	NE ^[1]	NE			
	STEL	NE	NE			
(trade secret #2)	TWA	NE	NE			
	STEL	NE	NE			
(trade secret #3)	TWA	100 ^[2]	600	100 ^[2]		
	STEL	NE		150		
(trade secret #4)	TWA	NE	NE			
	STEL	NE	NE			

TABLE FOOTNOTES:

1. NE=Not established.
2. Skin notation.

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ENGINEERING CONTROLS: Local exhaust may be required to control vapor concentration.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Nitrile or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Not applicable.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not smoke in presence of vapor. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Citrus.

APPEARANCE: Clear.

COLOR: Colorless to light yellow.

pH: Not applicable.

PERCENT VOLATILE: ~90

VAPOR PRESSURE: <17 mm Hg at 20°C

VAPOR DENSITY: >1 (air=1)

BOILING POINT: ~100°C (212°F)

FREEZING POINT: <0°C (32°F)

SOLUBILITY IN WATER: Dispersible.

EVAPORATION RATE: ~0.2 (butyl acetate = 1)

SPECIFIC GRAVITY: 0.94
VISCOSITY: No data available.
COEFF. OIL/WATER: No data available.
ODOR THRESHOLD: No data available.

10. STABILITY AND REACTIVITY

STABLE: Yes.
HAZARDOUS POLYMERIZATION: No.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide and various organic compounds.
INCOMPATIBLE MATERIALS: Strong alkalies, strong oxidizers, extended contact with air.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: >4000 mg/kg (rabbit)
ORAL LD₅₀: >5000 mg/kg (rat)
INHALATION LC₅₀: Not available.

CHRONIC

TARGET ORGANS Central nervous system, liver, kidneys.
SENSITIZATION: No data available.

CARCINOGENICITY

IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.
OTHER: A component of this product caused cancer in lab animals. The relevance to humans is unknown.

OTHER: No data available.

REPRODUCTIVE EFFECTS: No data available.

MUTAGENICITY: No data available.

SYNERGISTIC MATERIALS: No data available.

GENERAL COMMENTS: Refer to Section 3 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Readily biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Recovered liquids may be sent to a licensed reclaimer or incineration facility. Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state and local authorities for approved procedures.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains material(s) that are ignitable wastes as defined by RCRA.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated if shipped by ground.

TECHNICAL NAME: Not applicable.

PRIMARY HAZARD CLASS/DIVISION: Not applicable.

UN/NA NUMBER: Not applicable.

PACKING GROUP: Not applicable.

LABEL: Not applicable.

OTHER SHIPPING INFORMATION: Original product packaging is labeled, marked, and approved for ground shipments only.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated if shipped by ground.

TECHNICAL NAME: Not applicable.

PRIMARY HAZARD CLASS/DIVISION: Not applicable.

UN/NA NUMBER: Not applicable.

PACKING GROUP: Not applicable.

LABEL: Not applicable.

OTHER SHIPPING INFORMATION: Original product packaging is labeled, marked, and approved for ground shipments only.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Flammable Liquid, NOS

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

PACKING GROUP: III

PLACARDS: Consult applicable regulations governing air shipments.

LABEL: Consult applicable regulations governing air shipments.

IATA NOTE: Original product packaging is not approved for air shipments. Consult applicable regulations for packaging requirements and quantity limitations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: Yes. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.
CHRONIC: Yes.

313 REPORTABLE INGREDIENTS: Not applicable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

RCRA STATUS: See section 13.

CANADA

WHMIS CLASS: Class B, Division 3 and Class D, Division 2

MEXICO

Regulated for transportation.

STATE REGULATIONS

MASSACHUSETTS

Contains one or more substances regulated by the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	1
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS