

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AquaSOLV

**OTHER MEANS OF IDENTIFICATION:** Not applicable.

**GENERAL USE:** For professional drycleaning and wet cleaning 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

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Liquids: Category 3

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

Carcinogenicity: Category 2

Specific Target Organ Toxicity (STOT-RE): Category 2

### GHS LABEL ELEMENTS

**Symbol(s):**



**Signal Word:** Danger

### Hazard Statements:

H226 – Flammable liquid and vapor.

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

H351 – Suspected of causing cancer.

H373 – May cause damage to organs through prolonged or repeated exposure.

### Precautionary Statements:

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P240 – Ground/bond container and receiving equipment.

P241 – Use explosion-proof electrical/ventilating/lighting equipment.

P242 – Use non-sparking tools.

P243 – Take precautionary measures against static discharge.

P260 – Do not breathe dust/fume/gas/mist/vapors/spray.

P264 – Wash thoroughly after handling.

- P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 – IF ON SKIN: wash with plenty of soap and water.  
 P303+P361+P353+P364 – IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse SKIN with water/shower. Wash contaminated clothing before reuse.  
 P305+P351+P338+P310 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
 P308+P313 – If exposed or concerned: Get medical advice/attention.  
 P314 – Get medical advice/attention if you feel unwell.  
 P332+P313 – If skin irritation occurs: Get medical advice/ attention.  
 P403+P233+P235 – Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
 P370+P378 – In case of fire: Use water fog or fine spray, foam, carbon dioxide extinguishers, or dry chemical extinguishers for extinction.  
 P501 – Dispose of contents and container to licensed, permitted incinerator, or other thermal destruction device.

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

## 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)	-	-

## 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.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** May cause irritation.

**SKIN:** May cause irritation, redness, and pain.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** May cause nausea, vomiting, headache, fatigue, dizziness, loss of concentration, irritation of stomach.

**INHALATION:** May cause irritation to respiratory tract, dizziness, drowsiness.

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

## 5. FIRE FIGHTING MEASURES

**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. Contain spill. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). 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 SDS/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/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
(Trade Secret #1)	TWA	NE <sup>[1]</sup>	NE			
	STEL	NE	NE			
(Trade Secret #2)	TWA	NE	NE			
	STEL	NE	NE			
(Trade Secret #3)	TWA	100 <sup>[2]</sup>	600	100 <sup>[2]</sup>		
	STEL	NE		150		
(Trade Secret #4)	TWA	NE	NE			
	STEL	NE	NE			

### TABLE FOOTNOTES:

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

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

**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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear.

**PHYSICAL STATE:** Liquid.

**COLOR:** Colorless to light yellow.

**ODOR:** Citrus.

**ODOR THRESHOLD:** No data available.

**pH:** Not applicable.

**FREEZING POINT:** <0°C (32°F)

**INITIAL BOILING POINT:** ~100°C (212°F)

**FLASHPOINT:** 46°C (115°F) TCC

**EVAPORATION RATE:** ~0.2 (butyl acetate = 1)

**FLAMMABILITY (Solid, Gas):** Not applicable, this product is a liquid at room temperature.

**FLAMMABLE LIMITS:** 0.7% to 16.9%

**VAPOR PRESSURE:** <17 mm Hg at 20°C

**VAPOR DENSITY:** >1 (air=1)

**RELATIVE DENSITY:** 0.94

**SOLUBILITY IN WATER:** Dispersible.

**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** No data available.

**PERCENT VOLATILE:** ~90

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No.

**CHEMICAL STABILITY:** Stable.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Polymerization will not occur.

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, strong alkalis, extended contact with air.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide and various organic compounds.

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## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE:** Inhalation and skin.

**ACUTE TOXICITY (ATE):**

**DERMAL LD<sub>50</sub>:** Insufficient data available.

**ORAL LD<sub>50</sub>:** > 2,000 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** Insufficient data available.

**CHRONIC**

**TARGET ORGANS:** Components of this product may cause respiratory system. A component of this product may cause liver and kidney damage through chronic ingestion.

**SENSITIZATION:** Insufficient data available.

**CARCINOGENICITY**

**IARC:** A component of this product is classified as Group 2B (Possibly carcinogenic to humans).

**NTP:** Not listed as a carcinogen.

**OSHA:** Not listed as a carcinogen.

**OTHER:** Not listed as a carcinogen.

**OTHER:** ACGIH: A component of this product is classified as A3 (Confirmed animal carcinogen with unknown relevance to humans).

**REPRODUCTIVE EFFECTS:** Insufficient data available.

**MUTAGENICITY:** Insufficient data available.

**SYNERGISTIC MATERIALS:** No data available.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes serious eye damage.

**SKIN:** Prolonged or repeated contact may cause dermatitis.

**SKIN ABSORPTION:** May be absorbed through the skin and produce toxic effects.

**INGESTION:** May be harmful if swallowed. High doses may cause collapse, coma and death in cases of severe overexposure.

**ASPIRATION HAZARD:** Not considered an aspiration hazard.

**INHALATION:** May be harmful if inhaled.

**MEDICAL CONDITIONS AGGRAVATED:** Central nervous system, liver, and kidney conditions.

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

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Insufficient data available.

**PERSISTENCE AND DEGRADABILITY:** All components are readily biodegradable.

**BIOACCUMULATIVE POTENTIAL:** Insufficient data available.

**MOBILITY IN SOIL:** Insufficient data available.

**OTHER ADVERSE EFFECTS:** No data available.

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**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.

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**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.

**REPORTABLE SPILL QUANTITY:** Not applicable.

**RCRA STATUS:** See section 13.

**MEXICO**

Regulated for transportation.

**STATE REGULATIONS**

**MASSACHUSETTS**

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

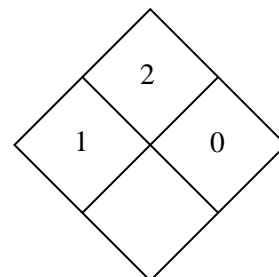
**CALIFORNIA**

Not to be sold in California. *Sale prohibited by ARB VOC rules.*

**16. OTHER INFORMATION**

<b>HMIS RATINGS</b>	
HEALTH:	1
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS**



**SDS Revision Date:** May 15, 2015