SAFETY DATA SHEET

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

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.

Chemical Name	Wt.%	CAS#
Trade Secret #1	-	-
Trade Secret #2	-	-
Trade Secret #3	-	-
Trade Secret #4	-	-

COMMENTS: None.

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)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
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.

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.

---

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_{ow}): No data available.

AUTOIGNITION TEMPERATURE: No data available.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: No data available.

PERCENT VOLATILE: ~90

---

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.

---

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation and skin.

ACUTE TOXICITY (ATE):

DERMAL LD_{50}: Insufficient data available.

ORAL LD_{50}: > 2,000 mg/kg (rat)

INHALATION LC_{50}: Insufficient data available.

CHRONIC

TARGET ORGANS: Components of this product may cause respiratory system effects. 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.

---

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.

---

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.

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

PROPOSITION 65 STATEMENT:

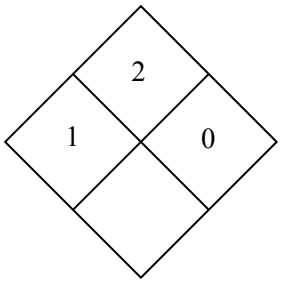
This product contains a small amount of diethanolamine, which is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

---

16. OTHER INFORMATION

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

NFPA RATINGS



SDS Revision Date: November 19, 2015