

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Solvair Cleaning Fluid

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: This product is intended solely for use with Solvair Cleaning Technology. Solvair Cleaning Fluid is provided in containers equipped with two-way shut-off quick connect fittings that enable it to be connected to or disconnected from the Solvair machine without spills or leaks. When used for the intended purpose, opportunity for direct operator exposure is virtually eliminated.

PRODUCT DESCRIPTION: Textile Cleaning Additive

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

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Danger

Hazard Statements:

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

Precautionary Statements:

P264 – Wash skin 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.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a poison center or doctor/physician.

P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.

P362+P364 – Take off contaminated clothing and wash before reuse.

P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Not available.

Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Dipropylene glycol n-butyl ether	-	29911-28-2
Trade Secret #2	-	-
Trade Secret #3	-	-

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 soap and 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: Stinging, tearing, redness, swelling, blurred vision.

SKIN: Redness, pain.

SKIN ABSORPTION: No data available

INGESTION: No data available.

INHALATION: Sore throat, respiratory tract irritation.

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 IIIB.

EXTINGUISHING MEDIA: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, oxides of phosphorus, oxides of nitrogen.

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: Contain spill. 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). Do not flush to sewer. Avoid contamination of ground and surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from heat 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.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

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>
Dipropylene glycol n-butyl ether	TWA	NE ^[1]		NE		
	STEL	NE		NE		
Trade Secret #2	TWA	NE		NE		
	STEL	NE		NE		
Trade Secret #3	TWA	NE		NE		
	STEL	NE		NE		

TABLE FOOTNOTES:

1. NE=Not established.

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

ENGINEERING CONTROLS: None required under ordinary conditions.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Neoprene or Barrier™ gloves.

RESPIRATORY: None required under normal conditions. If released under pressure, respiratory protection may be needed, including a self-contained breathing apparatus.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. 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: Light yellow.

ODOR: Mild alcohol.

ODOR THRESHOLD: No data available.

pH: 8

FREEZING POINT: <0°C (32°F)
INITIAL BOILING POINT: >100°C (212°F)
FLASHPOINT: >93°C (200°F) Setflash
EVAPORATION RATE: 0.006 (butyl acetate = 1)
FLAMMABILITY (Solid, Gas): Not applicable, this product is a liquid at room temperature.
FLAMMABLE LIMITS: >0.5% to >20%
VAPOR PRESSURE: <10 mm Hg at 20°C
VAPOR DENSITY: >1 (air=1)
RELATIVE DENSITY: 0.96
SOLUBILITY IN WATER: Partial.
PARTITION COEFFICIENT (Log K_{ow}): No data available.
AUTOIGNITION TEMPERATURE: Not available.
DECOMPOSITION TEMPERATURE: No data available.
VISCOSITY: No data available.
PERCENT VOLATILE: >60

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 acids and bases and oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend on temperature, air supply, and the presence of other materials. Hazardous decomposition products may include aldehydes ketones, organic acids, oxides of phosphorous, oxides of nitrogen, hydrochloric acid, and methyl chloride.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation and skin.
ACUTE TOXICITY (ATE)
DERMAL LD₅₀: > 2,000 mg/kg (rabbit/rat).
ORAL LD₅₀: > 2,000 mg/kg (rat).
INHALATION LC₅₀: Insufficient data available.
CHRONIC TOXICITY
TARGET ORGANS: A component of this product has caused liver and kidney effects in laboratory animals.
SENSITIZATION: Insufficient data available.
CARCINOGENICITY
IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.
OTHER: Not applicable.
OTHER: No data available.
REPRODUCTIVE EFFECTS: Insufficient data available.
MUTAGENICITY: Insufficient data available.

SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS

EYES: Permanent eye damage including blindness could result.

SKIN: Prolonged or repeated exposure may cause dermatitis.

SKIN ABSORPTION: Insufficient data available.

INGESTION: May be harmful if swallowed.

ASPIRATION HAZARD: There is insufficient data available to classify this product as an aspiration hazard.

INHALATION: Insufficient data available.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing conditions of the skin and eyes. Asthma and allergies.

GENERAL COMMENTS: Refer to Section 2 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Components of this product are moderately toxic.

PERSISTENCE AND DEGRADABILITY: All components are readily or ultimately biodegradable.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: A component has the potential for high mobility in soil.

OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Do not cut or weld empty drums.

RCRA/EPA WASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

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

CHRONIC: No.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not regulated for transportation.

STATE REGULATIONS**MASSACHUSETTS**

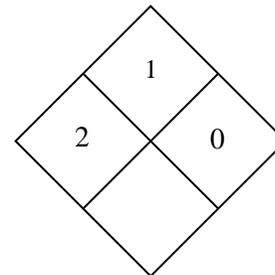
Contains no substances regulated by the Massachusetts Substance List.

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:	2
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS

SDS Revision Date: August 20, 2019