

**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Windshield Washer Concentrate  
**Product Number:** HG5681E  
**Manufacturer:** Revive, Global Business Group Ltd.  
 info@reviveproducts.de

HMIS Code: Health: **1** Fire: **3** Reactivity: **0**

**SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CAS Reg. NO</u>	<u>Percentage</u>	<u>Exposure Limits</u>	
Methanol	67-56-1	80-85	OSHA PEL	200 PPM
			ACGIH TLV	200 PPM

**SECTION 3 – HAZARDS IDENTIFICATION**

**WARNING:** Flammable liquid. Aspiration of liquid into the lungs can produce chemical pneumonia. Prolonged contact may cause skin irritation and/or Dermatitis. May aggravate existing medical conditions.

**Potential Health Effects:**

**Eyes:** May cause burning and irritation. Symptoms include tearing, stinging, redness.  
**Skin Contact:** Contact may cause irritation, dryness or dermatitis. Symptoms include redness, burning, drying and cracking of the skin. Passage of this material into the body through the skin is possible.  
**Inhalation:** Vapor may cause dizziness and headache. Mist may cause breathing problems. Symptoms are not expected at air concentrations below the recommended exposure limits if applicable.  
**Ingestion:** Swallowing this material may be harmful.  
**Chronic Overexposure:** Drying and cracking of the skin or Dermatitis.  
**Medical conditions, Aggravated by exposure, Target Organs:** Respiratory or respiratory disorders, central nervous system, liver, kidneys, pancreas, heart may be aggravated due to overexposure.

**SECTION 4 – EMERGENCY FIRST AID MEASURES**

**Eyes:** Flush with large amount of water for 15 minutes and seek immediate medical attention.  
**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water immediately.  
**Inhalation:** Remove to fresh air. Give artificial respiration if necessary, seek immediate medical attention.  
**Ingestion:** Do not induce vomiting. Immediately call a physician

**SECTION 5 – FIREFIGHTING MEASURES**

**Flash point:** 54 ° F Method: Closed Cup  
**Flammability Limits:** Not Established  
**Extinguishing Media:** Class B extinguishing media such as Carbon dioxide, foam or dry chemical  
**Hazardous Combustion Products:** Carbon monoxide and dioxide, partially burnt hydrocarbon gas  
**Fire-fighting instructions:** Use self-contained breathing apparatus

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill or Release:** Eliminate all ignition sources. Keep the area isolated. Use non-sparking equipment and absorbent to pick up spills of excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations

**SECTION 7 – STORAGE AND HANDLING**

**Handling Precautions:** Use proper grounding procedures. Rinse immediately if in contact with eyes, on skin, or clothing. Do not take internally. Wash thoroughly after handling. Avoid breathing mist or vapor. Use only with adequate ventilation.

**Storage Requirements:** Keep container closed when not in use. Handle open containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do not handle or store near an open flame, heat or other ignition sources. Protect material from direct sunlight.

**Other:** Use explosion proof machinery. Assure grounding and bonding of containers is done before use of product to help prevent possible static build-up.

**SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

**Protective Clothing/Equipment:** Wear chemically protective gloves and safety glass. Use splash apron and boot if splashing occurs.

**Respiratory Protection:** Use NIOSH complaint respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134

**Engineering Controls:** Adequate to prevent accumulation of air vapors. Use mechanical means if necessary to maintain levels below exposure limits. If working in confined space, follow OSHA regulations.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Blue liquid  
**Odor:** Slight pungent odor  
**Boiling Point:** Not Established  
**Specific Gravity (Water=1):** < 1  
**Solubility in Water:** Will mix with water  
**Vapor Pressure:** Not Determined  
**Freezing Point:** Not Determined  
**% Volatile by Volume:** Not Determined  
**Evaporation Rate:** Not Determined  
**Vapor Density (Air=1)** Not Determined  
**pH:** Not Applicable

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable  
**Conditions to Avoid:** Excessive heat, Sources of ignition  
**Incompatibilities:** Peroxides, Calcium Hypochlorite, Reactive Metals such as Magnesium, Sodium, Acids, Alkalis, Oxidizing Agents, Zinc  
**Hazardous Decomposition:** Carbon monoxide and Carbon dioxide  
**Hazardous Polymerization:** Will not occur

**SECTION 11 – TOXICOLOGY INFORMATION**

**Carcinogenicity:** Classified 4A (not classifiable for humans or animals) by ACGIH [Xylene]

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Methanol	LD50	300mg/kg	Oral	Human
	LC50	64,000 ppm, 4h	Inhalation	Rat
	LD50	12,800mg/kg	Dermal	Rabbit

### SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic organisms, No data.  
**Environmental Fate:** No data.

### SECTION 13 – DISPOSAL CONSIDERATIONS

**Disposal:** Dispose all used and unused product in accordance with federal, state and local regulations. Contact local or state agency for specific rules. Do not dump into sewer, on the ground or in to water.

### SECTION 14 – TRANSPORTATION INFORMATION

**Shipping Name:** Flammable Liquids n. o. s. (contains Methanol), 3, UN 1993, PG-II

**Required Labels:** Flammable

*This description is provided to assist in the proper classification of this product and may not be suitable for all shipping conditions.*

### SECTION 15 – REGULATORY INFORMATION

**TSCA:** All components are either listed under TSCA.  
**SARA Title III:** Section 311/312: Acute, Fire  
**California Prop 65:** This product does not contain a chemical known to State of California to cause cancer, birth defects and other reproductive harm.

### SECTION 16 – OTHER INFORMATION

**Date entered:** 10/28/08 New (by JCD)  
 02/16/12 Revised (MVC)

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