

Material Safety Data Sheet

Part I Product and company brand

Product Chinese Name: 环保型 UV 洗车水 (KWA-18UV)

Product English Name: UV WASH (KWA-18UV)

Supplier/Manufacturer: Koenig & Bauer Printing Machinery (Dongguan) Co., Ltd

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MSDS Number: SR-A-10-44

Effective Date: June 2, 2026

Fire emergency call: 119

Recommend Use: Washing solution for the UV washing system.

Restricted Use: Cannot to be used for direct contact with food.

Part II Composition/composition information

Pure Product

Mixture

Chemical Name: SR2015G- 1

Chemical name	Content	CASE NO.
Ethylene glycol mono-tert-butyl ether (ETB).	35%-50%	7580-85-0
FS85 surfactant	25%-40%	126-86-3
Silicone additives	10%-15%	9006-65-9

Part III Overview of Dangers

Hazard category: Not applicable to classification standards for hazardous chemicals

Invasive ways: eye contact, skin contact, ingestion, inhalation.

Main symptoms: no known signs or symptoms of exposure.

Environmental hazards: This product is harmful to the environment, mainly reflected in the pollution of water bodies.

Explosion hazard: Nonflammable.

OSHA, ACGIH, NTP, IARC and other controlled carcinogens: .



Part IV First aid measures

Skin contact: Remove clothing immediately, rinse with plenty of water for at least 10 minutes, and wash the affected area with soapy water.

Eye contact: Rinse immediately with plenty of running water for at least 15 minutes and seek medical attention. Acute effect: irritation of the eyes and tearing; Chronic effects: in severe cases, it affects vision.

Inhalation: Quickly leave the site to fresh air. If breathing is difficult, give oxygen; If breathing stops, rescue breaths are performed. Medical treatment. Acute effects: nausea, vomiting, chest tightness; Chronic effects: in severe cases, inattention, insomnia, dizziness, etc. will occur.

Ingestion: Rinse your mouth and drink water immediately and wash your stomach. Medical treatment. Acute effects: burning sensation in the lips and throat after oral administration; Chronic effects: the appearance of dry mouth, vomiting, coma.

Part V Fire-Fighting Measures

Dangerous characteristics: This product is easy to combust in case of open flame and high heat, and may generate toxic or irritating combustion products (including carbon monoxide and carbon dioxide)

Harmful combustion products: Smoke during combustion, and produce carbon monoxide and carbon dioxide.

Fire extinguishing method and fire extinguishing agent: Firefighters must wear positive pressure respirators, wear full-body fire protective clothing, and try to extinguish the fire upwind. Can be saved with foam, carbon dioxide, dry powder, sand.

Fire extinguishing precautions: None.

Part VI Accidental release Measures

Emergency treatment: Evacuate the personnel in the leakage contaminated area to the safe area, prohibit unrelated personnel from entering the contaminated area, and cut off the fire source. Do not come into direct contact with spills, and emergency responders wear gas masks. Plug leaks while ensuring safety. It is absorbed with sand or other non-combustible adsorbent mixture, and then collected and transported to the waste treatment site. If a large amount of leakage occurs, it is contained in the embankment, and then collected, transferred, recycled or disposed of harmlessly.

Part VII Handling and Storage

Handling precautions: Closed operation, strengthen ventilation. Operators must be specially trained and strictly follow operating procedures. Keep away from fire, heat source, and smoking in the workplace is strictly prohibited. Prevent vapors from leaking into the workplace air. Avoid contact with oxidants. When handling, it should be handled lightly and lightly to prevent damage to the packaging and container. Equipped with corresponding varieties and quantities of firefighting equipment and leakage emergency treatment equipment.

Storage precautions: Store in a cool, ventilated room. Keep away from fire, heat source, warehouse temperature should not exceed 35 °C. Protect from direct sunlight. Keep container tightly sealed. Should be stored separately from oxidants. Equipped with the corresponding variety and quantity of firefighting equipment. Tank storage should have fire and explosion prevention technical measures. It is forbidden to use mechanical equipment and tools that are prone to sparks. Pay attention to the flow rate (no more than 3M/S)when canning, and there is a grounding device to prevent the accumulation of static electricity. Handling is to be lightly loaded and unloaded to prevent damage to packaging and containers.

Part VIII Contact Control/Personal Protection

Eye protection: Chemically safety glasses.

Hand protection: Rubber gloves.

Respiratory protection: In a well-ventilated place under normal conditions, nothing is needed. In emergency situations, NIOSH approved anti-organic vapor respirators are recommended.

Protective clothing: No special recommendations.

Engineering control: Maintain workplace air concentration in accordance with Part 2/3 standards.

Work and hygiene habits: No recommendation

Part IX Physical and Chemical Properties

Appearance: Liquid

Color: Transparent

Odor: Lux odor

Solubility: Soluble in water

Boiling point: > 100 °c

Relative density: 0.975 at 20°C

Volatile organic compounds: 15mg/l Concentrate

PH value: 0

Flash point: >100 °C

Part X Stability and Reactivity

Stability: Oxidation occurs slowly in contact with air.

Substances prohibited matching: Strong oxidants (nitrate, perchlorate, peroxide).

Conditions to avoid contact: Direct sunlight, high heat, moisture, acid and alkali, static electricity and spark

Aggregate harm: Curing.

Breakdown products: Oxide.

Part XI Toxicological Information

Sexual oral toxicity (LD₀₀, rat): NO DATA

Acute percutaneous toxicity (LD₅₀, rabbit): NO DATA

Acute inhalation toxicity (LD₅₀, rats): NO DATA

Other acute effects: NO DATA

IRRITANT EFFECT DATA: 500MG (RABBIT THROUGH THE SKIN), MILD IRRITATION 100MG (RABBIT THROUGH THE EYE), SLIGHT IRRITATION

CHRONIC/SUBCHRONIC DATA: NO DATA

Part XII Ecological Information

Ecotoxicity toxicity: Highly toxic to aquatic organisms

Biodegradability: When released into water, it is expected to evaporate and may be subject to biological decomposition. Non-biodegradable: Released to air, expected to undergo photolysis. Bioaccumulation or bioaccumulation: does not accumulate in the body. Other harmful effects: does not destroy the ozone layer

Non-biodegradable: NO DATA

Other harmful effects: The substance may be harmful to the environment, and special attention should be paid to the pollution of surface water, soil and drinking water

Part XIII Disposal Considerations

Nature of waste: environmentally hazardous waste

Disposal method: disposal in accordance with the disposal standards of hazardous waste; It must be properly disposed of and must not be discarded at will to prevent environmental pollution.

Waste precautions: Waste storage and disposal should refer to relevant national and local environmental protection regulations.

Part XIV Transporting Information

Dangerous Goods Number: Not applicable to the *Classification and code of dangerous goods*

UN number: Numbers specified is not applicable to the *Recommendations on the Transport Of Dangerous Goods Model Regulations* by United Nations.

Packaging mark: None

Packaging category: Not applicable to *The Principles of Classification of transport packaging group of dangerous Goods*.

Packaging method: Iron drum.

Transportation precautions: Do not spill, to prevent upside down, drop, brutal loading and unloading.

Part XV Regulatory Information

Domestic regulations: *Regulations-on-the-control-over-safety-of-dangerous-chemicals-dual-langu,*

(Promulgated by the State Council on March 15, 2002) make corresponding provisions for the safe production, use, storage, transportation, operation, and disposal of hazardous chemicals.

International regulations: *Recommendations for Safe Use of Chemicals in the workplace, Recommendations on the Transport of Dangerous Goods Model Regulations by United Nations, List of most commonly transported dangerous goods, Globally Harmonized System of Classification and Labelling of Chemicals (GHS)*

Part XVI Other Information

The content recorded herein is based on the information described in all the information of the company and various technical publications, and when the user uses this product, the user is responsible for this product and flexibly uses this information.

In addition, the contents described here are current and are updated in accordance with future amendments to laws and regulations, etc., and the publication of new toxicity test results.

Date prepared: June 2, 2026

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