

## SAFETY DATA SHEET

Data Issued: 4/2/2023  
SDS No.: 532023

UCC A532

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** UCC

**PRODUCT DESCRIPTION :** Concentrated Cleaner for SMT Wave and Solder Pallets

**PRODUCT CODE:** UCC A532

#### MANUFACTURER

Universal Cleaning Chemicals Sdn. Bhd.  
22A, Lorong Valdor Jaya 1,  
Golden Gateway Perindustrian Valdor,  
14200, Sungai Jawi, Penang, Malaysia

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**SERVICE NUMBER** : +60(4)506 2877

**EMERGENCY** : +60(4)506 2897

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### 2. HAZARD IDENTIFICATION

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

#### 29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:

None of the chemicals in this product are considered highly hazardous by OSHA.

#### GHS LABEL ELEMENTS

##### Hazard Pictograms



**GHS07**

**Signal word:** Warning

**Hazard Statement:** Irritant

R36/38 – Irritant to eyes and skin

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Harmful if swallowed. Aspiration hazard.

**INDICATION OF DANGER (SYMBOLS):** None

**IMMEDIATE CONCERN:** None

#### POTENTIAL HEALTH EFFECTS

**EYES:** Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Remove contaminated clothes and washed with soap and water.

**INHALATION:** No hazard in normal industrial use.

**CARCINOGENICITY:** None

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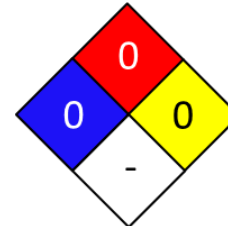
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### Classification system:

#### HMIS RATING (Scale 0-4)

HEALTH:	0
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	None

#### NFPA CODES (Scale 0-4)



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**DESCRIPTION:** Mixtures non-hazardous materials

#### CHEMICAL NAME:

UCC A532 Chemicals	CAS Number	Percentage
Silicic acid, disodium salts	6834-92-0	7%
Potassium hydroxide	1310-58-3	8%
Dinatriummetasilikat, Pentahydrat	10213-79-3	15%
Deionised water	7732-18-5	70%

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** If swallowed, gently wipe or rinse the inside of the mouth with water. DO NOT induce vomiting. Sips of water may be given if person is fully conscious. Never give anything by mouth to an unconscious or convulsing person. Immediately contact a poison control center, emergency room or physician as further treatment may be necessary.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None up to boiling point---TAG CC

**EXTINGUISHING MEDIA:** Not applicable since it is non-flammable.

### 6. ACCIDENTAL RELEASE MEASURES

**LARGE SPILL:** Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces have been removed thoroughly mop and wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth, gravel, etc. as necessary and place in closed containers for disposal.

**GENERAL PROCEDURES:** Isolate hazard area. Keep unnecessary and unprotected personnel from entering.



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### 7. HANDLING AND STORAGE

**HANDLING:** Ground and bond containers when transferring material.

**STORAGE:** Store in a cool, dry area in a tightly closed container. Keep away from ignition sources.

**STORAGE TEMPERATURE:** room temperature, 20°C- 40°C

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** Gloves of the following materials may provide protection against permeation: Viton, solvex, Buna, Butyl, and Neoprene.

**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.

**WORK HYGIENIC PRACTICES:** Wash hands before eating and wash before reuse.

**OTHER USE PRECAUTIONS:** Emergency shower and eyewash facility should be in close proximity.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Faint Ethereal Odor

**APPEARANCE:** Clear Liquid

**PH:** 11.2

**BOILING POINT:** 190°C

**FREEZING POINT:** 0°C (5°F)

**FLASH POINT AND MEASURING METHOD:** None up to boiling point--TAG CC

**SOLUBILITY IN WATER:** Fully miscible

**EVAPORATION RATE:** <0.99 (water=1)

**DENSITY :** 1.00 at 25°C (77° F) (water=1)

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### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Heat, flames, ignition sources, and incompatibles.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon (CO and CO<sub>2</sub>) may form when heated to decomposition.

**INCOMPATIBLE MATERIALS:** Oxidizing materials.

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### 11. TOXICOLOGICAL INFORMATION

**EYE CONTACTS:** Mixture is a moderate eye irritant.

**SKIN CONTACTS:** The mixture is a mild to severe skin irritant but is not a skin sensitizer in animals.

**INHALATIONS:** No data are available about oral toxicity.

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**CARCINOGENICITY****IARC:** NOT listed**NTP:** NOT listed**OSHA:** NOT listed

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**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

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**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

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**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Not regulated**AIR (ICAO/IATA)****SHIPPING NAME:** Not regulated**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated

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**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** None**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** None**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:**

None of the chemicals in this product are considered highly hazardous by OSHA.

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer.**CANADA****WHMIS CLASS:** Not listed



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### 16. OTHER INFORMATION

**REVISION INFORMATION:** 5322023-V3.02

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accurate. However, neither UCC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.