



SAFETY DATA SHEET

Data Issued: 4/2/2023
SDS No.: 522023

UCC A522

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: UCC

PRODUCT DESCRIPTION : Highly Effective water-based SMT Oven Maintenance Cleaner

PRODUCT CODE: UCC A522

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

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

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

POTENTIAL ENVIRONMENT EFFECTS

ENVIRONMENTAL DATA: None

SYSTEM OF CLASSIFICATION: The classification is in accordance with the actual EEC - Regulations.

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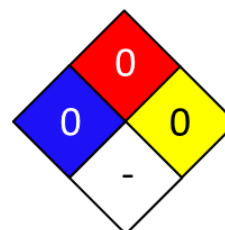
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Classification system:
HMIS RATING (Scale 0-4)

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

HAZARDOUS INGREDIENTS: None

CHEMICAL NAME:

UCC A522 Chemicals	CAS Number	Wt%
2-amino-2-methylpropanol	124-68-5	8
Silicic acid, disodium salts	6834-92-0	10
Guerbet alcohol	147993-59-7	5
Deionised water	7732-18-5	20

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: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL: SPILLED MATERIAL IS EXTREMELY SLIPPERY. Dike area to contain 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



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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.

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Low Odor

APPEARANCE: Clear, transparent to slight yellowish

PH: 9.8

BOILING POINT: 220°C

FREEZING POINT: <-15°C (5°F)

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

SOLUBILITY IN WATER: Fully miscible

VAPOR PRESSURE: 11mbar at 20°C

DENSITY : 0.96 at 25°C (77° F) (water=1)

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 CO₂) may form when heated to decomposition.

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INCOMPATIBLE MATERIALS: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION**EYE EFFECTS:** Mixture is a slight eye irritant.**SKIN EFFECTS:** The mixture is a slight to middle skin irritant but is not a skin sensitizer in animals.**CARCINOGENICITY****IARC:** NOT listed**NTP:** NOT listed**OSHA:** NOT listed

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.

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

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

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****313 REPORTABLE INGREDIENTS:** Not considered a SARA 313 "Toxic Chemical".**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** None of the ingredients are CERCLA/Superfund hazardous chemicals.**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.**WHMIS CLASS:** Not listed



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16. OTHER INFORMATION

REVISION INFORMATION: 5222023-V3.02

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