

PRODUCT CODE #: 30036 (G,P,D)
PRODUCT NAME: GLASS CLEANER RTU (READY TO USE)

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/01/91

SECTION I: MANUFACTURER

A. R. GUARD PRODUCTS, INC
4601 NE 7TH AVENUE
FT LAUDERDALE, FLORIDA 33334-3028

EMERGENCY TELEPHONE NUMBER
305-564-9001
TELEPHONE # FOR INFORMATION
305-564-9001

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER	ST
Isopropyl Alcohol	400 ppm	400 ppm		
Ammonia	35 ppm	35 ppm		
2-Butoxyethanol	22 ppm	22 ppm		

*This is a compound product and any hazardous components only represent a percentage of the total mixture

SECTION III: PHYSICAL DATA

APPROX BOILING POINT: 210°F VAPOR DENSITY: S/A water (AIR = 1) EVAPORATION RATE: S/A water (N-BUTYL ACETATE = 1) VOLATILE: 99%
SOLUBILITY IN WATER: Completely VAPOR PRESSURE: S/A water SPECIFIC GRAVITY: 0.54/gal MELTING POINT: N/A
APPEARANCE AND ODOR: Light pink liquid, strong ammonia odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Water base product FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Use procedures most appropriate for surrounding fire. Large spills in a confined area may produce combustible vapors. Water spray may be used to cool involved containers and dilute spill.

AL FIRE & EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Use self contained NOSH/MSHA approved respirator. Protect eyes and skin. Slippery underfoot. Alkaline material. Will generate foam with water pressure. Avoid splashing.

SECTION V: REACTIVITY DATA

STABLE: YES ☒ NO ☐ INCOMPATIBLE MATERIALS: Do not mix with anything but water.
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
HAZARDOUS POLYMERIZATION: WILL ☐ WILL NOT ☒ OCCUR
POLYMERIZATION CONDITIONS TO AVOID: None known

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY:
Eyes: flush with running water for 15 minutes. Get medical aid. Skin: wash with soap and water. Remove and discard contaminated clothes and shoes. Inhalation: remove to fresh air, use oxygen if indicated.
Ingestion: DO NOT induce vomiting without medical advice. Get medical aid at once. Give several glasses of water to dilute stomach contents.

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT: Irritant. Can cause burns.

SKIN CONTACT: Irritant with prolonged exposure.

INHALATION (BREATHING): May cause dizziness, nausea and breathing difficulties. Irritant..

INGESTION (SWALLOWING): Causes gastric distress & nausea, may cause burns to GI tract..

CARCINOGENICITY: No NTP: N/A IARC MONOGRAPHS: N/A

OSHA REGULATED: No

SECTION VII: PRECAUTIONS FOR SAFE HANDLING

IN CASE OF SPILL OR RELEASE: Slippery underfoot. Wear appropriate respiratory & other protective equipment. Ventilate area. Small spills may be diluted with water and neutralized with vinegar. Large spills should be diked and picked up with a commercial absorbent. Prevent discharge to ground water.

WASTE DISPOSABLE METHOD: Comply with all Local, State and Federal regulations. All surfactant components are biodegradable. Total phosphate content - 0. Toxic to aquatic life. Do not discharge in streams, ponds or waterways. EPA/HW classified as hazardous waste (corrosive, ph > 12.5) 40CFR 261.22. Additional disposal information may be obtained from EPA at 800-424-9346. Storage, discharge, disposal, treatment & shipping of Industrial wastes may require EPA, State, or Local permitting. Open dumping is restricted.

STORAGE AND SPECIAL PRECAUTIONS: Do not use aluminum or steel containers to make or hold solutions. Always add product to water when making solutions. Avoid splashing. Clean up spills at once. Do not freeze. Keep containers tightly closed when not in use. Protect containers from damage. Always wear protective equipment. Wash thoroughly after handling. KEEP AWAY FROM CHILDREN. FOR COMMERCIAL AND PROFESSIONAL USE ONLY. NOT FOR HOUSEHOLD USE.

SECTION VIII: CONTROL MEASURES

VENTILATION: Use adequate ventilation, especially when spraying.

RESPIRATORY PROTECTION: None

PROTECTIVE GLOVES: Protective gloves are recommended.

EYE PROTECTION: Protective glasses recommended.

OTHER PROTECTIVE EQUIPMENT: Eye wash station or other other source of running water should be available.

PRECAUTIONARY WARNING

Workers should not be permitted to handle this product without proper training and using protective equipment. Training before exposure is mandated by 29CFR (OSHA) & State RTK. Avoid prolonged contact with skin, particularly under jewelry (watches & rings) & from contaminated clothing (cuffs & shoes). Containers of this product may be hazardous when "emptied" due to residue & vapors, therefore, all hazard precautions in this data sheet must be observed. Never use a cutting torch on and "emptied" container. Never use air pressure to discharge container contents. Mechanical spraying of this product may increase the hazard potential. Read label directions carefully. Always handle so as to avoid spilling. Cloths & absorbent used to apply or pick up this product retain the same hazards of fire & health as the liquid product. Take care with storage & disposal. Post spill contingency plans in use & storage areas.

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