

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/27/2015

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: QwikCheck
PRODUCT NO.: QT2000
USE: HVAC & Refrigeration Acid Test Kit
DESCRIPTION: Indicator Paper enclosed in clear plastic casing

MANUFACTURER: Mainstream Engineering Corporation
 200 Yellow Place
 Rockledge, Florida 32955

INFORMATION TELEPHONE: 321-631-3550
EMERGENCY TELEPHONE: 800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): Mild Irritant (Skin- Category 2b, Eye – Category 3)

HAZARD STATEMENT(S):
 H303 May be harmful if swallowed.
 H316 Causes mild skin irritation.
 H320 Causes eye irritation.

PICTOGRAM(S):



SIGNAL WORD: Warning.

PRECAUTIONARY STATEMENT(S):
 P102 Keep out of reach of children.
 P103 Read label before use.

P305+351+338
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313

If eye irritation persists get medical advice/attention.

P302+352

IF ON SKIN: Wash with plenty of water.

P333+313

If skin irritation or a rash occurs: Get medical advice/attention.

HAZARDS NOT OTHERWISE CLASSIFIED BY GHS: none

SECTION 3 - PRODUCT COMPOSITION INFORMATION

COMPONENT	CAS #	AMOUNT
Acid Test Strip	Proprietary	100%

TRADE SECRET - PROPRIETARY FORMULA. Specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200.

SECTION 4 - EMERGENCY & FIRST-AID PROCEDURES

EYE: Flush eyes gently with water for at least 15 minutes while holding eyelids apart. Call a physician if irritation develops and persists.

SKIN: Wash area with soap and water. Call a physician if irritation develops and persists.

INGESTION: Ingestion is not expected to be a concern as a point of entry. However, in the event of ingestion, do not induce vomiting. Call a physician.

SECTION 5 - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use what is appropriate for controlling the surrounding fire, preferably water, dry chemical, carbon dioxide, or foam.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide. (*Possible noxious fumes from decomposition of the plastic encasement.*)

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PROCEDURES: None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Avoid direct contact of skin



with the indicator paper. In the event of contact, thoroughly wash the area with soap and water.

ENVIRONMENTAL PRECAUTIONS: The product poses no significant environmental hazard.

MATERIALS FOR CONTAINMENT AND CLEAN-UP: No special materials are required.

REFERENCE TO OTHER SECTIONS: For additional disposal directions and reporting requirements, please refer to Section 13.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid direct contact of the indicator paper with eyes and skin. Do not ingest. Do not place device in mouth as it may be a choking hazard.

STORAGE: Store in a cool, dry location. Keep container tightly closed. Do not store near heat, flame, strong oxidants.

SPECIAL STORAGE CONSIDERATIONS: None.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION MEASURES

EXPOSURE LIMITS: None established.

ENGINEERING CONTROLS: Have facilities/equipment at hand for washing skin (such as soap, water, safety shower) and eyes (such as an eye wash) in case of accidental exposure.

PERSONAL PROTECTIVE EQUIPMENT: Please wear appropriate person protective equipment for handling of this product as indicated below.

EYE PROTECTION: Chemical splash/safety goggles are advised.

SKIN PROTECTION: Use gloves of an appropriate material (latex, nitrile or PVC gloves) to minimize exposure.

RESPIRATORY PROTECTION: None.

SECTION 9 - PHYSICAL AND CHEMICAL DATA

APPEARANCE: Yellow Indicator Paper Encased in a Colorless, Clear Tube

ODOR: None

ODOR THRESHHOLD: No data available

pH: No data available

FLASH POINT: No data available

AUTOIGNITION TEMPERATURE: No data available

FLAMMABILITY: Not Flammable

EXPLOSION LIMITS: No data available

MELTING POINT: No data available

BOILING POINT (760 mm Hg): No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY (AIR = 1): No data available

SPECIFIC GRAVITY (WATER = 1): No data available

SOLUBILITY: No data available

PARTITION COEFFICIENT: No data available
(N-OCTANOL/WATER)

DECOMPOSITION TEMPERATURE: No data available

VISCOSITY: No data available

VOC CONTENT: 0 %

EVAPORATION RATE: No data available

(N-BUTYL ACETATE = 1)

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: No data available.

CHEMICAL STABILITY: Stable when handled or stored under the recommended conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Product will not undergo hazardous reactions.

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

CHEMICAL INCOMPATIBILITY: Avoid contact with strong oxidizing agents, heat, or flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may generate oxides of carbon and noxious fumes (*from the plastic encasement*).

SECTION 11 - TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF ENTRY: Skin contact, eye contact.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: No data available

ACUTE SYMPTOMS: Minor irritation of skin or eyes.

DELAYED EFFECTS: No data available

CHRONIC EFFECTS:

MUTAGENICITY: No evidence of a mutagenic effect.

TERATOGENICITY: No evidence of a teratogenic effect (birth defect).

SENSITIZATION: No evidence of a sensitization effect.

REPRODUCTIVE: No evidence of negative reproductive effects.

CHRONIC SYMPTOMS: None.



CARCINOGENICITY

- IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12 - ECOLOGICAL INFORMATION

- TOXICITY:** No data available.
- PERSISTENCE AND DEGRADABILITY:** No data available
- BIOACCUMULATION:** No data available
- SOIL TO GROUNDWATER MOBILITY:** No data available
- OTHER ADVERSE EFFECTS:** No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose in accordance with all applicable Federal, State and Local regulations.

SECTION 14 - TRANSPORT INFORMATION

This product is a **DOT NON-REGULATED MATERIAL**.

SECTION 15 - REGULATORY INFORMATION

No additional information.

SECTION 16 - OTHER INFORMATION

HMIS RATING:
Health hazard: 1
Flammability: 0
Physical Hazard: 0

NFPA RATING:
Health: 1
Flammability: 0
Reactivity: 0

The information contained herein is believed to be accurate and is offered in good faith. The above information is, in part, based on material safety data sheets supplied by the vendors of the raw materials used

in this product. Because product use is beyond our control, no warranty is given, expressed, or implied. Mainstream Engineering Corporation cannot assume any liability for the use of information contained herein or from damage resulting from handling or contact with the above product. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.

PREPARATION INFORMATION

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