**PRODUCT** 

GPC RTU WINDOW CLEANER

2-16-17

FILE # 0189

FILE NO.:

NAME OF

MSDS DATE: / / DATE: 6/15/15

GCP GLass And Mirror

CLEANER

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# SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GCP RTU NON-AMMONIATED GLASS CLEANER

SYNONYMS: GLASS AND MIRROR CLEANER

PRODUCT CODES: 0189

MANUFACTURER: MIC INDUSTRIES INC

DIVISION:

ADDRESS:10892 HILLPOINT, SAN ANTONIO, TEXAS 78217

EMERGENCY PHONE: 210-590-1114

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 210-590-1173

CHEMICAL NAME: WINDOW CLEANER

CHEMICAL FAMILY: CHEMICAL FORMULA:

PRODUCT USE: CLEAN WINDOWS AND GLASS

PREPARED BY: HAL MATTHEWS

**SECTION 1 NOTES:** 

# **SECTION 2: HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:** 

G

**HEALTH ENVIRONMENTAL PHYSICAL** 

**ACUTE TOXICITY - Oral** 

EYE CORROSION - Serious eye damage/eye irritation

SKIN CORROSION - Irritation

SKIN SENSITIZATION - Will burn skin if left on skin and not rinsed.

**MUTAGENICITY - N/A** 

REPRODUCTIVE/DEVELOPMENTAL -

TARGET ORGAN TOXICITY (REPEATED) -

TOXICITY -

**GHS LABEL:** 

SIGNAL WORD -

HAZARD STATEMENTS: Harmful if swallowed or if inhaled, Causes serious eye damage.

PRECAUTIONARY STATEMENTS:Prevetion, avidn breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after Handling. Do not eat, drink or smoke when using this product. Wear eye protection/ face protection. Use in well ventilated area.

**SECTION 3 NOTES:** 

**PRODUCT** 

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT

CASRN

CONCENTRATION

ISOPROPYL ALCOHOL

67-63-0

LESS THAN 1 %

GLYCOL ETHER

NONYLPHENOL POLYETHYLENE

127087-87-0

**LESS THAN 1%** 

**SECTION 3 NOTES:** 

(SEE SECTION 8 FOR EXPOSURE LIMITS)

### **SECTION 4: FIRST AID MEASURES**

EYES: If product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. Roll eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate Medical attention.

SKIN:If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and iffitation persists, Medical attention may be necessary. Wash contaminated clothing before reuse.

INHALATION: After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained Personnel should immediately give artificial respiration. If the heart has stopped, trained personnel should immediately begin Cardiopulmonary resuscition (CPR). Seek immediate medical attention.

SWALLOWING:If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give 2 glases of water to drink. DO NOT INDUCE VOMITTING. Never induce vomiting or Give liquids to someone who is un conscious, having convulsions, or unable to swallow. Seek medical attention immediately.

NOTES TO PHYSICIAN: There are no specific antidote. Treatment of overexposure should be directed at the control of symptons and the

**SECTION 4 NOTES:** 

# **SECTION 5: FIRE-FIGHTING MEASURES**



FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME) LOWER: N/A

FLASH POINT:

F: N/A

C: N/A

METHOD USED:

**AUTOIGNITION TEMPERATURE:** 

F: N/A

C: N/A

NFPA HAZARD CLASSIFICATION

HEALTH 1 OTHER: FLAMMABILITY: 0

REACTIVITY:0

**HMIS HAZARD CLASSIFICATION** 

HEALTH: 1 PROTECTION:

FLAMMABILITY: 0

REACTIVITY: 0

EXTINGUISHING MEDIA: Use sry powder, alcohol-resistant foam, watr spray, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray mat be ineffective on fire but can protect fire-fighters & cool closed

Containers. Use fog nozzlesif water is used. Do not enter confined fire-space without

Full bunker gear.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustable. Isolate from oxidizers, heat, & open flame. Closed containers may Explode if exposed to extreme heat. Empty container very hazardous! Continue all Label precautions.

**SECTION 5 NOTES:** 

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

ACCIDENTAL RELEASE MEASURES: Uncontrolled releases should be resonded to by trained personnel using pre-planned Procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and resond With trained personnel.

**SECTION 6 NOTES:** 

Ttly closed

### **SECTION 7: HANDLING AND STORAGE**

HANDLING AND STORAGE: Isolate from oxidizers, heat, and open flames. Do not get in eyes, on skin or clothing. Use only with Adequate ventilation. Avoid or repeated breathing of vapor or spray mist. Wear OSHA Standard goggles or face shield. Consult Safety equipment supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse.

**OTHER PRECAUTIONS: Storage-**

Isolate from strong oxidants. Keep ontainer tightly closed and upright when not in use to prevent leakage.

**SECTION 7 NOTES:** 

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS** 

CAS#

EINECS#

TWA (OSAH)

TLV (ACGIN)

COMPONENT: ISOPROPYL ALCOHOL

67-63-0

25 PPM S

10 PPM S

This product contains no EPA Hazardous Air Pollutants (hap) in amounts > 0.1%

**ENGINEERING CONTROLS:** 

**VENTILATION: Necessary** 

Mechanical

Special: None

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below exposure limits given above.

EYE PROTECTION:Splash goggles or safety goggles. Face shields are recommended when the operation can generate splashes Sprays or mists.

SKIN PROTECTION: Use body protection appropriate for task.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Provide readily accessible eye wash stations & safety showers. Wash at the end of each shift And before eating.

**EXPOSURE GUIDELINES:** 

**SECTION 8 NOTES:** 

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Liquid, water like.

ODOR: CHARACTERISTIC

PHYSICAL STATE: liquid

pH AS SUPPLIED: 6 to 7 ph

pH (Other):

**BOILING POINT: 60 TO 195 C** 

**PRODUCT** 

F: 331 to 342 f

C: 166 to 172 c

**MELTING POINT: N/A** 

F:

C: FREEZING POINT:

F: 5 TO 29 F

C: N/A VAPOR PRESSURE (mmHg): 14.6 – 80 mmHG AT 20 C

@ 20 C

F:

VAPOR DENSITY (AIR = 1): 1.3 @ 20 C

@ AIR=1

F: 68

C: 20

SPECIFIC GRAVITY (H2O = 1): .902

@ POUNDS PER GALLON 7.514

F

C:

**EVAPORATION RATE: 0.153** 

**BASIS** (=1):

**SOLUBILITY IN WATER: COMPLETE** 

PERCENT SOLIDS BY WEIGHT: 26%

PERCENT VOLATILE: NO AVAILABLE

BY WT/ BY VOL @

F: C:

**VOLATILE ORGANIC COMPOUNDS (VOC) :25 %** 

WITH WATER:

LBS/GAL 7.5 LBS GAL.

WITHOUT WATER:

LBS/GAL 2.5 LBS GAL

**SECTION 9 NOTES:** 

**SECTION 10: STABILITY AND REACTIVITY** 

**STABLE** 

**UNSTABLE** 

FILE NO.:

NAME OF

MSDS DATE: / /

STABILITY: UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID (STABILITY): Isolate from oxidizers, heat and open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Reacts to strong oxidants, causing fire and explosion hazard.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION: Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** 

**SECTION 10 NOTES:** 

# **SECTION 11: TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION:EYES AND SKIN CONTACT: Primary irritation to skin, dermatitis. Asorption thru skin Increases exposure. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause irritation. WASH THOROUGHLY AFTER HANDLING.

INHALATION: Anestetic. Irritates respiratory tract. Acute exposure can cause serious nervous system depression. Vapor Harmful.

**SECTION 11 NOTES:** 

**PRODUCT** 

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### **SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** 

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATED EVIORMRNTAL CONTAMINATION

This product may be harmful or fatal to plant and animal life if released into the environment.

**SECTION 12 NOTES:** 

### **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Recycle / dispose of observing national, regional, state and local health, safety and pollution laws.

**RCRA HAZARD CLASS:** 

**SECTION 13 NOTES:** 

#### **SECTION 14: TRANSPORT INFORMATION**

### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: CLEANING COMPOUND, NOI, LIQUID

HAZARD CLASS: ID NUMBER:

PACKING GROUP: NOT REGULATED ON TRUCKS IN CONTAINERS OF <119 GALLONS.

LABEL STATEMENT:

#### WATER TRANSPORTATION N/A

PROPER SHIPPING NAME: HAZARD CLASS: NONE

ID NUMBER: 0189
PACKING GROUP:
LABEL STATEMENTS:

### AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

**PACKING GROUP:** 

**LABEL STATEMENTS:** 

OTHER AGENCIES:

**SECTION 14 NOTES:** 

### **SECTION 15: REGULATORY INFORMATION**

## U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): SARA SECTION 3211/312 HAZARDS

311/312 HAZARD CATEGORIES: NONE

313 REPORTABLE INGREDIENTS:NONE

STATE REGULATIONS:

**INTERNATIONAL REGULATIONS:** 

PRODUCT SECTION 15 NOTES:

FILE NO.: NAME OF MSDS DATE: //

## **SECTION 16: OTHER INFORMATION**

### OTHER INFORMATION:

## PREPARATION INFORMATION:

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This information relates only to the product designated herein, and does not relate to its use in combination with any other material Or process.

Unless updated, the Safety Data Sheet is valid until 6-15 2020.