

# WILLIAM MARVY COMPANY, INC.

1540 ST. CLAIR AVENUE ▪ ST. PAUL, MN 55105  
651-698-0726 ▪ 800-874-2651 ▪ 651-698-4048 FAX

EMERGENCY TELEPHONE  
CHEM-TEL 800-255-3924

## MATERIAL SAFETY DATA SHEET

### SECTION ONE: PRODUCT DESCRIPTION

PRODUCT NAME: Mar-V-Cide II<sup>®</sup> One-Step Germicidal Cleaner  
DESCRIPTION: Germicidal Cleaner/Surface Disinfectant  
MSDS Number: 003d  
SUPPLIER'S NAME: William Marvy Company, Inc.  
1540 St. Clair Avenue St. Paul, Minnesota 55105  
SUPPLIER'S PHONE: 651-698-0726 \* 800-874-2651 \* 651-698-4048 FAX

**HMS HAZARDOUS RATING**  
**NFPA 704 HAZARD RATING**  
4 – Extreme 3 – High 2 – Moderate  
1 – Slight 0 – Insignificant  
B – Eye/Hand Protection

HEALTH	(Blue)	3
FLAMMABILITY	(Red)	2
REACTIVITY	(Yellow)	0
PERSONAL PROTECTION	(White)	B

TRANSPORTATION EMERGENCY PHONE NUMBER: 800-255-3924 CHEM-TEL

S.A.R.A. INFORMATION: PHYSICAL DATA: Mixture: YES Pure: NO Solid: NO Liquid: YES Gas: NO

### SECTION TWO: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components (Specific Chemical Identity)</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>Approximate Wt.</u>
*Isopropanol	67-63-0	400 ppm	400 ppm	N/E	5 – 10%
Caustic Potash (Potassium hydroxide)	1310-58-3	N/E	N/E	N/E	5 – 10%
* Potassium ortho-benzyl-para-chlorophenate	120-32-1	N/E	N/E	N/E	5 – 10%
** Potassium ortho-phenylphenate	90-43-7	N/E	N/E	N/E	5 – 10%
* Potassium para-tertiary-amylphenate	80-46-6	N/E	N/E	N/E	5 – 10%

Contains the above hazardous ingredients as defined by: OSHA's Hazard Communication Standard; or as listed as CERCLA Hazardous Substances; or in SARA Title III Section 313 (Toxic Release Chemicals) or Section 302 (Extremely Hazardous Substances)

\* Ingredients SARA Title III Section 313 Reportable \* Ingredients listed as germicidal actives

N/A = Not Applicable N/E = Not Established N/D = Not Determined N/L = Not Listed

### SECTION THREE: PHYSICAL AND CHEMICAL PROPERTY

Appearance:	Purple. Water-thin liquid	Viscosity:	N/E
Odor:	Lavender Fragrance	Vapor Density (AIR = 1):	N/E
Boiling Point:	212°F	Evaporation Rate (BUTYL ACETATE = 1):	N/E
pH Concentrate:	12.00 – 12.49	Melting and Freezing Point:	N/A
pH Diluted: 1:256	8.50 – 10.50	Specific Gravity: @ 25°C	1.090 – 1.100
Solubility in Water:	Complete	Vapor Pressure (mm HG):	N/E

### SECTION FOUR: FIRE AND EXPLOSION DATA

FLASH POINT: 115°F (Combustible Liquid) (METHOD USED): SETA Flammable Limits: N/D LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: In case of fire use water spray, CO<sub>2</sub>, Dry Chemical or Foam

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Burning may release combustion products such as Phenolics, carbon monoxide, carbon dioxide, and chlorine.

### SECTION FIVE: REACTIVITY INFORMATION

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will Not Occur

INCOMPATIBILITY (Materials or Conditions to Avoid): Extreme high temperatures, sparks, open flames, and strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known

### SECTION SIX: SPILL AND DISPOSAL INFORMATION

Steps to be taken in case material is released or spilled: CAUTION! Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mists/vapors of unknown concentrate may be generated (self-contained breathing apparatus preferred). DIKE AND CONTAIN spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Small spills (less than 1 gallon) may be diluted with water and washed down a drain or cleaned up and disposed of into a sanitary sewer system. Large spills (over 1 gallon) should be contained and collected (by absorption or vacuuming) then disposed of properly.

**WASTE DISPOSAL METHODS:** Dispose of in compliance with all Federal, state, and local laws and regulations. Incineration is the preferred method. This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burning, stay out of smoke.

## **SECTION SEVEN: HEALTH EFFECTS INFORMATION**

**POSSIBLE ROUTES OF ENTRY INTO BODY:** Eyes, Skin, Ingestion, Inhalation.

**HEALTH HAZARDS:** Corrosive, causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin or if inhaled.

**SIGNS AND SYMPTOMS OF EXPOSURE:** If in eyes: Burning sensation, watering, or redness. If on skin: Redness, irritation, or burning sensation with prolonged exposure. If spray mist is inhaled: Possible lung damage, irritation and/or burning sensation. If swallowed: Drowsiness, irregular pulse, loss of consciousness. Possible gastrointestinal irritation or disturbance such as cramps and stomach pains.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

**CARCINOGENICITY:** No ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.

## **EMERGENCY AND FIRST AID PROCEDURES**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for further treatment advice.
If in eyes:	Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed:	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

### **CHEMICALS LISTED AS CARCINOGEN BY: (YES OR NO)**

**National Toxicology Program:** Not Known    **I.A.R.C. Monographs:** Not Known    **O.S.H.A.:** Not Known

## **SECTION EIGHT: PERSONAL PROTECTION INFORMATION**

**Ventilation Type:** General ventilation is normally adequate. In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

**Respiratory Protection:** Where mists or vapors are generated by the process, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

**Protective Gloves:** Rubber or neoprene, when needed, to prevent skin contact. Required for exposure to the concentrate when diluting or for long exposures to end use dilution. Persons sensitive to cleaning chemicals should always wear gloves.

**Eye Protection:** Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

**Other Protective Equipment:** Eye wash, safety shower, protective clothing (long sleeve, coveralls, or other, as appropriate), when needed to prevent skin contact.

**Work Hygiene Practices:** Wash hands after using. Do not get into eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

## **SECTION NINE: STORAGE AND HANDLING**

**Precautions for Storage and Handling:** KEEP OUT OF REACH OF CHILDREN. Do not contaminate drinking water, food, or feed by storage or disposal. Keep containers clean and closed. Do not reuse empty containers. Keep containers closed until used.

## **SECTION TEN: TOXICOLOGY INFORMATION**

ACCUTE ORAL: N/D                      PRIMARY SKIN: Severe Irritation  
ACCUTE DERMAL: N/D                  PRIMARY EYE: Corrosive

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