

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

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Product: **VEGIE-WASH 2**

MSDS No.: F2499 - Rev. 1.3 Date: 07/02  
Replaces - Rev. 1.2 11/02  
Updated Sections: 03

### -- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: ..... VEGIE-WASH 2  
Chemical Name/Synonym: ..... PROPRIETARY BLEND  
Chemical Family: ..... COMPOUND  
Formula: ..... PROPRIETARY  
Product Code: ..... F2499

HMIS

Hazard Rating:

Legend:

Health: ..... 1      0 - Least  
Fire: ..... 0        1 - Slight  
Reactivity: ..... 0    2 - Moderate  
                                 3 - High  
                                 4 - Severe

Product Description: Vegetable and produce wash for removal of pesticides, insect larvae and eggs.

### -- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... Not Applicable  
Vapor Pressure: ..... N/A (mmHg) @ 70F  
Vapor Density: ..... N/A (non-volatile) (AIR=1)  
Appearance: ..... White granular powder  
pH: ..... N/A

Solubility in Water: ..... 5-6 oz/gal @ 140F  
Specific Gravity: ..... 7.5 #/Gal  
% Volatile by Volume: ..... None  
Odor: ..... Bland  
pH working solutions: ..... ~11.2

### -- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
* sodium metasilicate	6834-92-0	10-20	None Established	None Established
Inert and/or non-hazardous components	-----	80-90	-----	-----

\* Component hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or one or more state Right-To-Know lists.

### -- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: ..... N/A (will not support combustion).  
Extinguishing Media: ..... Small Fire: CO<sub>2</sub>, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.  
Special Fire Fighting Procedures: ..... Use self-contained breathing apparatus; water may be used to cool adjacent containers.

### -- SECTION 05 - REACTIVITY DATA --

Stability: ..... Stable.  
Incompatibility: ..... Strong oxidizers.  
Hazardous Decomposition Products: ..... Carbon monoxide may form upon thermal degradation.

Hazardous Polymerization:..... Will not occur.

(continued)

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## -- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.

Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

## -- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: ..... May cause irritation. Severe irritation or chemical burn may occur if not irrigated immediately.

SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.

INHALATION: ..... Inhalation of dust may cause discomfort.

INGESTION: ..... Not determined.

EFFECTS OF OVEREXPOSURE: ..... None currently known.

IARC and NTP..... NONE of the ingredients in this product are listed by the NTP, IARC, or OSHA as possible carcinogens.

## -- SECTION 08 - FIRST AID --

EYES: ..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.

SKIN:..... Flush with water; wash with soap and water after handling.

INHALATION: ..... Remove to fresh air.

INGESTION:..... DO NOT INDUCE VOMITING - Seek medical attention. **Never give anything by mouth to an unconscious person.**

## -- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION: ..... May cause irritation; product normally does not produce vapors or mist.

RESPIRATORY PROTECTION: ..... None normally required; NIOSH approved respirator for mist conditions.

PROTECTIVE CLOTHING:..... Chemical resistant gloves when mixing or handling.

EYE PROTECTION:..... Tight fitting or chemical workers goggles if splashing is anticipated.

OTHER PROTECTIVE GEAR: ..... Coveralls, eye wash station and emergency shower.

## -- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

DOT - Shipping Classification: UNREGULATED Cleaning Powder

FDA - The ingredients of this material are authorized by the FDA as GRAS substances pursuant to 21 CFR § 184.1769a for use in washing and lye peeling of fruits, vegetables, and nuts.

USDA / NSF - VEGIE-WASH 2 is authorized as Usage Category '3D' for use in washing fruits and vegetables.

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for sodium metasilicate as a component of this material): A) Sections 311/312 - Hazard Categories -- Acute;  
B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

CERCLA Information (for the sodium metasilicate component): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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