## SAFETY DATA SHEET-VETENAL II

## Section 1: Product & Company: Identification

Vetenal II Trade Name: 10324-71 EPA No.

**Product Class:** Quaternary Ammonium Compound

Product Use: Disinfectant/Sanitizer Manufacturer: Wayne Concept

5005 Speedway Dr. Fort Wayne, IN 46825

24 hr. Emergency Assistance: Infotrac 1-800-535-5053 Telephone Numbers: Product or Company Information: 1-260-482-8615

## Section2: Hazards Identification

Clear, colorless to straw colored liquid. Corrosive to the eyes, skin, gastrointestinal tract, Emergency and respiratory system. Overview

Signal Word: **DANGER GHS** Classifications:

Acute Toxicity(oral); Category 4, Acute Toxicity(dermal); Category 4,

Skin Corrosion/Irritation; Category 1B, Serious Eye

Damage/Irritation; Category 1

Potential Health Effects:

Skin: Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin.

Exposures not promptly washed off may lead to toxic effects similar to ingestion.

Harmful if absorbed through the skin.

Causes burns and may result in permanent injury to eyes including blindness. Eyes:

Inhalation: Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations

may cause central nervous system effects. Symptoms may include headaches, dizziness,

and drowsiness.

Ingestion can cause gastrointestinal irritation, swelling of the larynx, difficulty in breathing, circulatory shock, Ingestion:

convulsions and possibly death.

## -Section 3: Composition/Information on Ingredients

Ingredient Alkyl dimethyl benzyl ammonium chloride (C12.18)	CAS# 68391-01-5	Wt. % 0.75-1.25%
Alkyl dimethyl ethylbenzyl ammonium chloride(C12-14)	85409-23-0	0.75-1.25%
Tetrapotassium pyrophosphate (TRPP)	7320-34-5	1 - 5%
Tetrasodium ethylenediamine tetraacetate (EDTA)	64-02-8	1 – 5%
Sodium Metasilicate	6834-92-0	1 – 5%

# Section 4: First AidMeasures

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Eyes:

contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention

at once.

Skin or Clothina:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: If symptoms are experience, move victim to fresh air. If person is not bre athing, call 911 or

an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a

poison control center ordoctor for further treatment advice.

## Vetenal II

Ingestion: Call a 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 a poison control center or

doctor. Do not give anything by mouth to an unconscious person.

Note to

Probable mucosal damage may contraindicate the use of gastric lavage.

Physician:

## **Section 5: Fire Fighting Measures**

Flash Point: None when heated to boiling 105°C – Tag Closed Cup

**Upper & Lower Flame** 

Limits

Not determined

Extinguishing Media: Dry chemical, foam, carbon dioxide or water fog or water (if appropriate for surrounding

fire).

Fire Fighting Equipment& Firefighters should wear full protective clothing including self-contained breathing

apparatus. Cool fire exposed containers with spray.

Instructions:

**HazardousCombustion** 

**Products:** 

Irritating and toxic gases or fumes may be released during a fire.

#### Section 6: Accidental Release Measures

## **Spill and Leak Procedures**

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep

out of low areas where vapors may accumulate.

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must

be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leakif you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking

tools to collect absorbed material.

LargeSpills: Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase

foaming. Water may not prevent ignition in closed spaces.

## Section 7: Handling & Storage

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands

before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work

using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing.

Prevent electrostatic charge buildup by using common bonding and grounding

techniques.

## Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure

below exposure limits.

# Personal Protective Equipment:

Eyes/Face: Wear chemical goggles. Use a face shield if splashing is possible.

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

**Respiratory:** If exposure limits are, exceeded or if irritation is experienced, NIOSH approved respiratory

protection should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for

non-routine or emergency situations.

General: Eye wash fountain and emergency showers are recommended.

#### The following ingredients have established exposure guidelines:

None established or any component

 $All\,TWAs\,are\,for\,an\,8-hour\,period\,and\,all\,STELs\,are\,for\,15\,minutes\,unless\,specifically\,noted\,as\,being\,\,for\,another\,time\,period.$ 

NIOSH RELTWAs are for a 10-hourperiod.

## Section 9: Physical & Chemical Properties

Flash Point: None when heated to boiling 105°C- Tag Closed Cup

Specific Gravity: 0.9895 (8.25 lbs/gal)

 $\begin{array}{lll} \mbox{Percent Volatiles:} & \mbox{Not determined.} \\ \mbox{Vapor Pressure:} & \mbox{Not determined.} \\ \mbox{Voc Content} & \mbox{Not determined.} \\ \end{array}$ 

Vapor Density: Estimated to be heavier than air.

Viscosity: 23.56 mm²/s @ 22° C
Evaporation Rate: Not determined
Pour Point: Notdetermined

pH: 12-14

Appearance and Odor: Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.

## Section 10: Stability & Reactivity

Chemical Stability: Material is stable.

Conditions to Avoid: Keep away from heat and strong oxidizing agents.

In-compatibilities: Strong oxidizing agents (may result in fire.), reducing agents Hazardous

Decomposition: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.

Hazardous Polymerization: Will not occur.

## Section11: Toxicological Information

Carcinogenicity - No Carcinogenicity data available for this product.

## Acute Toxicity:

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Component	Oral LD50	Dermal LD50	Inhalation LC50		
Alkyldimethyl benzyl ammonium chloride	312 mg/kg	>2 g/kg			
EDTA	3,030 mg/kg (Rat)	75,000 mg/kg (Rabbit)			
TRPP	>1,000 mg/kg (Rat)	>4,640 mg/kg (Rabbit)			
Sodium metasilicate	600 mg/kg (Rat)				

#### Chemicals Ingredients Listed as Potential or Known Carcinogens

Ingredient	OSHA	NTP	IARC
Noingredients listed in this section.			

### Section 12: Ecological Information

Ecotoxicity Very Toxic to aquatic organisms

. Environmental Fate

This product is biodegradable

## Section 13: Disposal Considerations

## DisposalInstructions

Although not considered a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted incompliance with all applicable Federal, state, and local regulations.

## Section 14: TransportInformation

DOT Hazard Class 8 Corrosive

DOT Proper Shipping Name Corrosive Liquid, NOS (Contains Quaternary Ammonium Compound), 8, UN1760,

PG II

(1 gallon and smaller packaging is limited quantity)

## Section 15: Regulatory Information

#### TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA),

#### OtherChemicalInventories

All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan.

#### **CERCUSARA**

SARA Title III, Sections 311/312-This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product: Immediate, Fire

SARA Title 313-This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

Chemical Name	CAS No.	Maximum Concentration	Comment
No ingredients listed in this section.			

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of thefollowing hazardous materials contained in this product, if the release is equalto or greater than the Reportable Quantities (RQs) SARA 302/304 requires emergency planning, including agency notification, forpossible releaseofthe following components of this material, based on the Threshold Planning Quantities (TPQs)and/or release of Reportable Quantities.

Chemical Name	Reportable Quantity (CRQ)	Threshold Planning Quantity (TPQ)
No ingredients listed in this section.		

## State & Provincial Right to Know & Selected Regulatory Lists

Chemical Name	State List
Ethanol	AZ, CA, CT, ID, MA, MN, NJ, PA, RI
Benzyl Chloride	AZ, CA, CAP65C, IL, MA, MN, NJ, PA
(trace imourity < 10nnm)	

AZ-Arizona Ambient Air Quality Guidelines

CA-California Director's ListofHazardous Substances

CAP65C - California Prop 65 Carcinogen
CT-Connecticut Hazardous Air Pollutants

ID-Idaho Non-carcinogen Toxic Air Pollutants IL-Illinois Toxic Air Contaminant - Carcinogenic MA-Massachusetts Rightto Know List MN-Minnesota Hazardous Substances List NJ- New Jersey Right to Know List PA- Pennsylvania Right to Know List RI-Rhode Island Hazardous Substances List

**WHMIS Classification:** 028, E This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## Section 16: Other Information

Current Issue Date: Dec. 30, 2015

Hazard	HMIS IIIII	NFPA
Ratings	Health-3	Health – 3
	Flammability - 0	Flammability-0
	Physical Hazard-O	Instabililv-0
	PPE-8	

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