

SAFETY DATA SHEET

WORKING COPY



Date Prepared : 05/07/2014
SDS No : 1D.42

Vet Plus

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vet Plus
GENERAL USE: Disinfectant
PRODUCT CODE: 1D.42

DISTRIBUTOR

Northland Chemical Corp.
9655 NEWTON AVE SOUTH
DOCK #5
BLOOMINGTON, MN 55431
Emergency Phone: 651-414-6246
Customer Service: 651-414-6246

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation & Medical) : (800) 424-9300

EPA REG. NO.: 10324-59-70348

2. HAZARDS IDENTIFICATION

GHS LABEL



Exclamation
mark



Corrosion



Flame

SIGNAL WORD: DANGER

HAZARD STATEMENTS

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: May cause irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

POTENTIAL HEALTH EFFECTS

EYES: Causes irritation and/or corrosive burns and may result in permanent injury to eyes including blindness.

SKIN: Causes irritation and/or corrosive burns. Brief exposures may cause irritation and defatting of the skin.

INGESTION: Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death.

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. May be fatal if inhaled.

CARCINOGENICITY: No information Available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	1 - 4	68391-01-5
Alkyl C12, C14 dimethyl ethylbenzyl ammonium chloride	1 - 4	85409-23-0
Ethyl Alcohol	< 0.5	64-17-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

SKIN: 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.

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.

INHALATION: If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Combustible.

EXTINGUISHING MEDIA: Dry powder, foam, carbon dioxide, or water fog. Solid water streams may spread burning liquid.

HAZARDOUS COMBUSTION PRODUCTS: Irritating and toxic gases or fumes may be released during a fire.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

FIRE EXPLOSION: Combustion products are toxic.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: 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 leak if 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.

LARGE SPILL: 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.

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: 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: Keep the container tightly closed in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)						
			EXPOSURE LIMITS			
			OSHA PEL		ACGIH TLV	
Chemical Name			ppm	mg/m ³	ppm	mg/m ³
Ethyl Alcohol	TWA		1000	1900	1000	1884

ENGINEERING CONTROLS: Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical safety goggles and/or a full face shield where 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, a NIOSH/MSNA approved respirator or an organic/vapor removing cartridge respirator protection device 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.

OTHER USE PRECAUTIONS: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Organic

COLOR: Clear Yellow

pH: 11.2 to 11.8

PERCENT VOLATILE: Not yet Determined

FLASH POINT AND METHOD: > 105°C (200°F) Pensky Martin Closed Cup

FLAMMABLE LIMITS: Not yet Determined

AUTOIGNITION TEMPERATURE: No information Available

VAPOR PRESSURE: Not yet Determined

VAPOR DENSITY: Not yet Determined

BOILING POINT: No information Available

FREEZING POINT: No information Available

MELTING POINT: No information Available

POUR POINT: Not yet Determined

THERMAL DECOMPOSITION: Not yet Determined

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: Not yet Determined

DENSITY: No information Available

SPECIFIC GRAVITY: 1.039 8.66 lbs/gal

VISCOSITY: Not yet Determined

MOLECULAR WEIGHT: No information Available

(VOC): Not yet Determined

OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Keep away from heat and strong oxidizing agents.

POSSIBILITY OF HAZARDOUS REACTIONS: No information Available

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.

INCOMPATIBLE MATERIALS: Strong oxidizing agents (may result in fire), reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg. (Rabbit)

ORAL LD₅₀: > 1890 mg/kg (rat)

EYE EFFECTS: Corrosive

SKIN EFFECTS: Corrosive

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Very toxic to aquatic organisms

CHEMICAL FATE INFORMATION: This product is biodegradable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Although not considered hazardous waste, the discarding or disposal of this material should be done at a properly permitting 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 in compliance with all applicable Federal, state, and local regulations.

GENERAL COMMENTS: The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SPECIAL SHIPPING NOTES: DOT CLASS: NOT REGULATED # NON-HAZARDOUS FOR AIR, SEA AND ROAD FREIGHT.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
Alkyl C12, C14 dimethyl ethylbenzyl ammonium chloride	85409-23-0

REGULATIONS

STATE REGULATIONS: State & Provincial Right to Know & Selected Regulatory Lists

Chemical Name	State List
Benzyl Chloride (trace < 10 ppm)	AZ, CA, CAP65C, CT, FL, ID, MA, MN, NJ, PA, RI
Ethanol < 0.5%	AZ, CA, CT, FL, ID, MA, MN, NJ, PA, RI

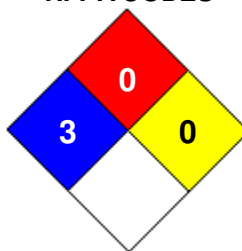
16. OTHER INFORMATION

Date Prepared: 05/07/2014

HMIS RATING

HEALTH		3
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



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