

MATERIAL SAFETY DATA SHEET

Date Prepared: 14 December 2001

1. PRODUCT IDENTIFICATION:

Product Name: Vetacide

Other Known Names: Equine Health Disinfectant

UN Number: NA

Product Type: Liquid

Manufacturer: Jaychem Industries Ltd.

Address: 6 Andromeda Crescent, East Tamaki, Auckland.

Telephone: 09 274 6647

EPA Number: 1839-109

2. INGREDIENTS/IDENTITY INFORMATION:

Proprietary: No

Ingredient: NON HAZARDOUS INGREDIENTS

Ingredient Sequence Number: 01

Percent: Balance

Proprietary: No

Ingredient: Purified water

Ingredient Sequence Number: 02

Percent: 20-40

CAS Number: 7732-18-5

Proprietary: No

Ingredient: Nonyl phenol polyethylene glycol

Ingredient Sequence Number: 03

Percent: 10-20

CAS Number: 26027-38-3

Proprietary: No

Ingredient: N-Alkyl Dimethyl Benzyl Ammonium chloride and N-Alkyl
Dimethyl Ethylbenzyl Ammonium chloride

Ingredient Sequence Number: 04

Percent: 20-30

CAS Number: 68391-01-5

Proprietary: No
Ingredient: N-N'1,2-Ethanediybis[N-(carboxymethyl)glycine]
tetrasodium salt
Ingredient Sequence Number: 05
Percent: 10-20
CAS Number: 7487-88-9

3. PHYSICAL/CHEMICAL CHARACTERISTICS:

Appearance: orange or green coloured liquid
Boiling Point: NA
Vapour Pressure(MM Hg/70 F): NA
Vapour Density (Air=1): NA
Specific gravity: supdata
Evaporation rate and ref: <1 (BUAC=1)
Solubility in water: good
PH: 9-11

4. FIRE AND EXPLOSION HAZARD DATA:

Flash Point: NA
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: Use media suitable for surrounding materials.
Unusual Fire and Explosive Hazards: None Known

5. REACTIVITY DATA:

Stability: Yes
Cond to Avoid (Stability): None under normal use conditions
Materials to Avoid: None Known
Hazardous Decomposition Products: None Known

6. HEALTH HAZARD DATA:

Route of Entry-Inhalation: NO
Route of Entry-Skin: May cause sensitivity in some persons
Route of Entry-Ingestion: Harmful or fatal if swallowed
Health Hazard Acute and Chronic: Eyes/Skin: may cause irritation

7. CHEMWATCH HAZARD RATINGS:

Flammability: Min/Nil
Toxicity: Med
Body Contact: Low
Reactivity: Nil
Chronic: Min/Nil

8.PERSONAL PROTECTIVE EQUIPMENT FOR INDUSTRIAL/COMMERCIAL ENVIRONMENTS

Full Arm Gloves

Protective Overalls

Gumboots

Face mask or Face mask and respirator

9.PHYSICAL DESCRIPTION/PROPERTIES

Clear green or Orange liquid.

10.HEALTH HAZARD/ACUTE HEALTH EFFECTS

Swallowed: HIGHLY CORROSIVE and HIGHLY TOXIC. The material is considered to be harmful. The liquid is extremely corrosive to the gastro intestinal tract and contact may cause tissue destruction with severe burns and may be fatal if swallowed unless immediate treatment is applied.

Eye

Eye contact is extremely painful and may cause rapid corneal damage. The liquid is extremely corrosive to the eyes and contact may cause rapid tissue destruction and is capable of causing severe damage with loss of sight. Corneal injury may develop, with possible permanent impairment of vision, if not promptly and adequately treated. The material may produce severe irritation to the eye causing pronounced inflammation.

Skin

Avoid contact of undiluted substance on skin. Wash affected parts continuously with copious amounts of running water for at least one minute.

PERSONAL PROTECTION

EYE

Full face shield and Chemical goggles or Safety glasses with side shields. DO NOT wear contact lenses. Contact lenses pose a special hazard;soft lenses may absorb irritants and all lenses concentrate them.

HANDS/FEET

Barrier cream and Neoprene rubber gloves or Nitrile rubber gloves or Elbow length PVC gloves. Rubber boots or PVC safety gumboots.

OTHER

Full protective suit or PVC protective clothing. Ensure there is ready access to eye wash unit.

Operators should be trained in correct use & maintenance of respirators. Ensure there is ready access to an emergency shower.

RESPIRATOR

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant.

STORAGE AND TRANSPORT

SUITABLE CONTAINER

Packaging as recommended by manufacturer. Check that containers are clearly labelled.

STORAGE INCOMPATIBILITY

Observe manufacturer's storing and handling recommendations. Keep containers securely sealed. Store in a cool, dry and well-ventilated area. Store away from incompatible materials. Protect containers against physical damage. Check regularly for spills and leaks.

SPILLS AND DISPOSAL

MINOR SPILLS

Restrict access to area. DO NOT touch the spill material. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Wear fully protective PVC Clothing and breathing apparatus. DO NOT USE WATER OR NEUTRALISING AGENTS INDISCRIMINATELY ON LARGE SPILLS. Neutralise remaining product with soda ash or slaked lime which is slurried with water. Absorb remaining product with sand, earth or vermiculite. Place in clean drum then flush area with water.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.