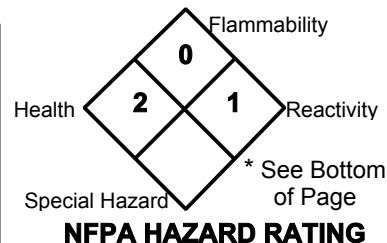


# MATERIAL SAFETY DATA SHEET

Manufactured for:

## Best Veterinary Solutions

325 Lakeland Dr. NE  
Willmar, MN 56201  
320-235-8611



## Product Name: BVS Super Barn Cleaner

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 11/3/2009 Imt  
Supersedes: 6/21/2006

### I. IDENTIFICATION

#### Chemical Name And Synonyms:

Not Applicable

#### DOT Shipping Name

Compounds, Cleaning Liquid  
(Sodium Hydroxide)

#### Chemical Family:

Alkali / Solvent

#### DOT Hazard Class & I.D. Number

Corrosive Material NA1760

# PG  
8 III

### II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Hydroxide	1310-73-2	<5	2 mg/m3	2 mg/m3	NA	Corrosive
2-Butoxyethanol	111-76-2	5	20 ppm	50 ppm	313**	Irritating to skin and eyes.

\*\*Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR

NA: Not applicable  
NE: Not established

### III. PHYSICAL DATA

**Boiling Point:** Not established

**Specific Gravity:** 1.045

**Appearance:** Clear, pale orange liquid

**Form:** Liquid

**Solubility In Water:** Complete

**Odor:** Solvent

**pH, 1% Soln.:** 12

### IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** Not established

**Extinguishing Media:** Media appropriate to surrounding fire.

#### Special Fire

**Fighting Procedures:** Although this product is not combustible, if a fire occurs in the near vicinity, good firefighting practice dictates the use of self-contained breathing apparatus and other protective gear. Keep fire exposed containers cool with water spray.

#### Unusual Fire And Explosion

If the stock solution container breaks, the solution should be handled with care as it is alkaline.

### V. HEALTH HAZARD DATA

**Carcinogenic:** The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

**Effects Of Over-exposure:** Corrosive. Causes irritation (possibly severe), burns to the eyes. May cause permanent eye damage. Causes irritation (possibly severe), burns to the skin. Causes irritation (possibly severe), burns, nausea, vomiting to the gastrointestinal tract. The severity of effects depend on concentration and how soon after exposure the area is washed.

#### Emergency And First

**Aid Procedures:** Eyes: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. Get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

## VI. REACTIVITY DATA

**Stability - Unstable:**                      **Stable: x**

**Conditions To Avoid:** None known

**Incompatibility (Materials To Avoid)** Strong acids, halogenated compounds, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys. Avoid contact with leather, wool, organic nitro compounds.

### **Hazardous**

**Decomposition Products:** Carbon monoxide and carbon dioxide, amines and other unidentified organic compounds.

## VII. SPILL OR LEAK PROCEDURES

### **Steps To Be Taken In Case Material Is Released Or Spilled:**

Prevent additional discharge of materials if possible to do without hazard. Dike spill, and absorb onto an inert absorbent or remove by vacuum truck. Neutralize any remaining traces of product with dilute acid and then flush spill area with water, followed by liberal covering of sodium bicarbonate. Wear/use appropriate protective equipment. Do not flush to sewer. Small spill can be flushed with large amounts of water to drain.

**Waste Disposal Method:** Dispose according to federal, state and local regulations.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not necessary for normal use. If mist level is high, wear NIOSH approved respirator.

**Ventilation:** Adequate local exhaust to eliminate mists or vapors.

**Protective Gloves:** Rubber or Neoprene.

**Eye Protection:** Chemical safety goggles/glasses.

**Protective Clothing:** If contact is likely, wear protective clothing and rubber boots.

## IX. SPECIAL PRECAUTIONS

### **Precautions To Be Taken In Handling And Storing:**

Keep container closed when not in use. Avoid eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Use with adequate ventilation. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.

**Other Precautions** Eye wash stations and safety showers should be provided in work area.

## X. REVISED INFORMATION

**MSDS Status:** Review and update of Emergency and First Aid procedures