

# MATERIAL SAFETY DATA SHEET

## Dr. Naylor Blu-Kote Aerosol

Last Updated June 20, 2013



### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Dr. Naylor Blu-Kote Aerosol**

CAS Number: Mixture

Product Use: Pharmaceutical. This product is a fast drying antiseptic and fungicidal aerosol spray for surface wounds, abrasions and ringworm. This product is packaged in a 128g aerosol propellant free can with bag on valve (BOV).

Manufacturers Name:

**H.W. Naylor Company, Inc.**

121 Main Street

Morris, New York 13808

(607) 217-0011 For Product Information

[www.drnaylor.com](http://www.drnaylor.com)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL (TWA)</u>	<u>ACGIH TWA</u>
Isopropyl Alcohol	32%	67-63-0	400 ppm	200 ppm
Non-Hazardous Ingredients	Balance	NA	NA	NA

**CALIFORNIA PROP 65:** This product does not contain an ingredient(s), above the safe harbor limits, which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

**HAZARDS DISCLOSURE:** This product does contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains known hazardous materials.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**WARNING! VAPOR MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.**

**POTENTIAL HEALTH EFFECTS:**

**ROUTES OF ENTRY:** Eyes, Respiratory Tract.

**TARGET ORGANS:** None

**INHALATION:** Inhalation of vapors may cause mild respiratory tract irritation.

**INGESTION:** Not expected to be a normal route of entry. May be harmful if swallowed.

**SKIN CONTACT:** Contact with skin not expected to cause irritation.

**EYE CONTACT:** Contact with the eyes can cause irritation, and/or redness.

**CHRONIC EXPOSURE:** None known.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** Persons with pre-existing eye or impaired respiratory

# MATERIAL SAFETY DATA SHEET

**Dr. Naylor Blu-Kote Aerosol**

Last Updated June 20, 2013

function may be more susceptible to the effects of the substance.

## 4. FIRST AID MEASURES

**INHALATION FIRST AID:** If breathing difficulty develops, remove victim to fresh air. Provide oxygen if breathing continues to be difficult. If not breathing, give artificial respiration, preferably mouth to mouth. GET MEDICAL ATTENTION IMMEDIATELY.

**SKIN CONTACT FIRST AID:** Not expected to require first aid. If irritation develops wash with soap and water.

**EYE CONTACT FIRST AID:** If contact with eyes, flush eyes with plenty of water lifting upper and lower eyelids occasionally. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

**INGESTION FIRST AID:** Induce vomiting ONLY as directed by medical personnel. Never give anything by mouth to an unconscious person. GET MEDICAL ADVICE.

**NOTE TO PHYSICIANS:** Treat symptoms.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** Combustible mixture

**AUTO IGNITION TEMPERATURE:** >750°F

**FLASH POINT:** >170°F

**FLAMMABLE LIMITS IN AIR, % by Volume:** lel: N.E.; uel: N.E.

**EXTINGUISHING MEDIA:** Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

**FIRE & EXPLOSION HAZARDS:** This product is under pressure and if involved in a fire could create an explosion hazard.

**SPECIAL INFORMATION:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN-UP PROCEDURES:** Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Contain and recover if possible. Absorb spilled material using polypads or other suitable absorbent material.

Always dispose of wastes in accordance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

**RECOMMENDED STORAGE CONDITIONS:** Protect against physical damage. Store containers in a cool, dry location, away from direct sunlight, and heat source or ignition source. Observe all warnings and precautions listed for the product. Keep from freezing.

**HANDLING (PERSONNEL):** Handle in accordance with good industrial hygiene and safety practices.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**AIRBORNE EXPOSURE LIMITS:** See Section 2 above.

**VENTILATION SYSTEM:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**PERSONAL RESPIRATORS (NIOSH APPROVED):** Not required with this product. If the exposure limit is exceeded and engineering controls are not feasible, a respirator may be required. Where respirators are

# MATERIAL SAFETY DATA SHEET

## Dr. Naylor Blu-Kote Aerosol

Last Updated June 20, 2013

required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

**SKIN PROTECTION:** Not required with this product.

**EYE PROTECTION:** Not normally required with this product. Use safety glasses and/or goggles, as appropriate.

**GOOD HYGIENE CONDITIONS:** Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** Liquid spray

**ODOR:** Characteristic alcohol odor

**SOLUBILITY IN WATER:** Soluble in water

**MELTING POINT:** Not Applicable

**AUTO IGNITION TEMPERATURE:** Not Applicable

**pH:** Not Applicable

**COLOR:** Blue

**BOILING POINT:** Not Applicable

**SPECIFIC GRAVITY:** Not Established (Water =1)

**EVAPORATION RATE (BuAc=1):** < than 1

**FLASH POINT:** Not applicable

**VAPOR PRESSURE:** Not Applicable

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** Contamination, freezing, and high heat may create explosion hazard.

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY WITH OTHER MATERIALS:** None known

**HAZARDOUS DECOMPOSITION:** Thermal degradation produces carbon monoxide and carbon dioxide.

### 11. TOXICOLOGICAL INFORMATION

#### **TOXICOLOGICAL DATA:**

No Data Available for this product

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Reproductive effects: Not available

#### **Cancer Lists:**

##### **Ingredient**

All ingredients

##### **Known**

No

##### **Anticipated**

No

##### **IARC Category**

None

### 12. ECOLOGICAL INFORMATION

#### **ENVIRONMENTAL FATE:**

These products have not been tested for environmental fate.

#### **ENVIRONMENTAL TOXICITY:**

These products have not been tested for persistence or biodegradability. The components may slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

# MATERIAL SAFETY DATA SHEET

## Dr. Naylor Blu-Kote Aerosol

Last Updated June 20, 2013

### 13. DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL:

Recover, reclaim or recycle when practical.

Dispose of material in accordance with all federal, state and local requirements.

### 14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.), International (Water, I.M.O.), International (Air, I.C.A.O.)

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. Non-Regulated.

### 15. REGULATORY INFORMATION

#### FEDERAL REGULATORY STATUS

##### *Chemical Inventory Status - Part 1*

Ingredient	<u>TSCA</u>	<u>EC</u>	<u>Japan</u>	<u>Australia</u>
All Ingredients	YES	YES	YES	YES

##### *Chemical Inventory Status - Part 2*

Ingredient	<u>Korea</u>	<u>DSL</u>	<u>CANADA</u>	<u>Phil.</u>
All Ingredients	YES	YES	<u>NDSL</u>	YES

##### *Federal, State & International Regulations - Part 1*

	<u>-SARA 302-</u>		<u>-SARA 313-</u>
Ingredient	<u>RQ</u>	<u>TPQ</u>	<u>Chemical Catalog</u>
All Ingredients	NO	NO	YES

	<u>CERCLA</u>	<u>-RCRA-</u>	<u>-TSCA-</u>
Ingredient		<u>261.33</u>	<u>8(d)</u>
All Ingredients	None	NO	NO

**SARA 311/312:** Acute: No    Chronic: No    Fire: Yes    Pressure: No  
Reactivity: No (Pure / Liquid)

#### STATE REGULATIONS:

##### **PROP 65 - WARNING:**

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

**RCRA 40 CFR:** None.

#### CANADIAN REGULATIONS:

**CANADIAN DSL/NDSL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Not Classified

# MATERIAL SAFETY DATA SHEET

## Dr. Naylor Blu-Kote Aerosol

Last Updated June 20, 2013

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists: Korea (TCCL), Australia (AICS), China (Draft), PICCS (Philippines-RA6969), Japan (ENCS METI/MOL).

### 16. OTHER INFORMATION

#### Label Requirements:

**WARNING! VAPOR MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.**

Hazardous Material Information System (HMIS):	Health	1
	Flammability	2
	Reactivity	0
	Personal Protection	A

**National Fire Protection Association (NFPA) 1-Health, 2-Flammability, 0-Reactivity**

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: GOGGLES & SHIELD; PROPER GLOVES;

Prepared By: Paul Eigbrett (MSDS Authoring PLUS)

Date: June 17, 2010

Part Number: --

Supersedes Date: New

#### ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004)

Although the information set forth herein is presented in good faith and believed to be correct as of the date of issuance, it has been furnished by our suppliers; consequently, H.W. Naylor Company makes no representations or warranties, express or implied, with respect to information herein presented. The information set forth herein is supplied upon the condition that the persons receiving same will make their own determination as to suitability for their purposes prior to use and relates only to the specific product described and not to such product in combination with any other product. In no event will H.W. Naylor Company be responsible for damages of any nature resulting from the use of or reliance upon this information.

Reviewed by: Alex Ng (BSc. Chem.)

END OF MSDS