

BIRCHWOOD LABORATORIES, INC. -- BIRCHWOOD CASEY ANTIQUE BLACK SWAB-ON M24 --
6850-01-362-5843

===== Product Identification =====

Product ID: BIRCHWOOD CASEY ANTIQUE BLACK SWAB-ON M24

MSDS Date: 04/03/2001

FSC: 6850

NIIN: 01-362-5843

Status Code: A

MSDS Number: CLMRT

=== Responsible Party ===

Company Name: BIRCHWOOD LABORATORIES, INC.

Address: 7900 FULLER RD

City: EDEN PRAIRIE

State: MN

ZIP: 55344-2138

Coun

try: US

Info Phone Num: 952-937-7931/FAX 952-937-7979

Emergency Phone Num: (800) 424-9300

Resp. Party Other MSDS Num.: 7400-1

Chemtrec Ind/Phone: (800) 424-9300

CAGE: 0HLC1

=== Contractor Identification ===

Company Name: BIRCHWOOD LABORATORIES, INC.

Address: 7900 FULLER RD

Box: City: EDEN PRAIRIE

State: MN

ZIP: 55344-2138

Country: US

Phone: 952-937-7931/FAX 952-937-7979

CAGE: 0HLC1

===== Composition/Information on Ingredients =====

Ingred Name: SELENIOUS ACID (H₂SEO₃)

CAS: 7783-00-8

RTECS #: VS

7175000
< Wt:3.
OSHA PEL:0.2 MG/M3
ACGIH TLV:0.2 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CUPRIC SULFATE (CUSO4)
CAS:7758-99-8
RTECS #:GL8900000
< Wt:4.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Ingred Name:PHOSPHORIC ACID (H3PO4)
CAS:7664-38-2
RTECS #:TB6300000
< Wt:8.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
ACGIH STEL:3 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC SULFATE (ZNSO4)
CAS:7733-02-0
RTECS #:ZH4800000
< Wt:5.
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:100
0 LBS

Ingred Name:AMMONIUM MOLYBDATE (NH4)2MOO4
CAS:13106-76-8
RTECS #:QA4960000
< Wt:4.
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:WATER (H2O)
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

===== Hazards Identification =====

Health Hazards Acute and Chronic:EYE: IRRITATION OR POSSIBLE BURNS UPON DIRECT CONTACT. SKIN: IRRITATION AND POSSIBLE SENSITIZATION WITH CERTAIN INDIVIDUALS. INGESTION: IRRITATION AND POSSIBLE BURNS TO THE GA

GASTROINTESTINAL TRACT. OTHER POSSIBLE SYMPTOMS INCLUDE NAUSEA, VOMITING, ABDOMINAL PAIN, AND DIFFICULTY BREATHING. INHALATION: TOXIC FUMES NOT GENERATED NORMALLY. IF SPRAYED, BREATHING MISTS CAN CAUSE NOSE AND THROAT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, AND DIFFICULTY BREATHING. CHRONIC: NOT ESTABLISHED.

Effects of Overexposure: EYE: IRRITATION OR POSSIBLE BURNS UPON DIRECT CONTACT. SKIN: IRRITATION AND POSSIBLE SENSITIZATION WITH CERTAIN INDIVIDUALS. INGESTION: I

RRITATION AND POSSIBLE BURNS TO THE GASTROINTESTINAL TRACT. OTHER POSSIBLE SYMPTOMS INCLUDE NAUSEA, VOMITING, ABDOMINAL PAIN, AND DIFFICULTY BREATHING. INHALATION: TOXIC FUMES NOT GENERATED NORMALLY. IF SPRAYED, BREATHING MISTS CAN CAUSE NOSE AND THROAT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, AND DIFFICULTY BREATHING. CHRONIC: NOT ESTABLISHED.

=====
===== First Aid Measures =====

First Aid: EYE: FLUSH IMMEDIATELY WITH CLEAN WATER. CONTINUE FOR AT

LEAST 15 MINUTES. CONSULT A PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING TO AVOID PROLONGED CONTACT. WASH AFFECTED AREAS WITH SOAP AND WATER. INGESTION: IF VICTIM IS CONSCIOUS, INDUCE VOMITING. NEVER ADMINISTER ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION. INHALATION (MIST): REMOVE FROM EXPOSURE. PROVIDE AIR IF BREATHING DIFFICULT. SEEK MEDICAL ATTENTION IF NECESSARY.

=====
===== Fire Fighting Measures =====

Flash Point: NONE

Extinguishing Media: WATER-BASED PRODUCT. NON-FLAMMABLE

Fire Fighting Procedures: NONE (NON-FLAMMABLE)

Unusual Fire/Explosion Hazard: NONE

=====
===== Accidental Release Measures =====

Spill Release Procedures: REVIEW CURRENT LOCAL, STATE & FEDERAL LAWS, CODES, STATUTES, & REGULATIONS TO DETERMINE APPROPRIATE AGENCIES TO BE NOTIFIED, & CONDITIONS UNDER WHICH THEY ARE TO BE NOTIFIED. WEAR RECOMMENDED PROTECTIVE EQUIPMENT.

TI VE EQUIPMENT. RECOVER AS MUCH FREE LIQUID AS POSSIBLE & COLLECT IN ACID-RESISTANT CONTAINER. USE ABSORBENT TO PICK UP RESIDUE. AVOID DISCHARGING LIQUID DIRECTLY INTO A SEWER OR SURFACE WATERS.

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN ACID-RESISTANT CONTAINERS. KEEP CONTAINERS COVERED WHEN NOT IN USE. AVOID STORING WITH CYANIDES, WATER-REACTIVE SUBSTANCES AND STRONG REDUCING AGENTS. WEAR PROTECTIVE E

QUIPMENT WHEN HANDLING PRODUCT.

Other Precautions:DISPOSAL CONSIDERATIONS-ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. CONTACT THE APPROPRIATE AGENCY FOR SPECIFIC INFORMATION. TREATMENT, TRANSPORT, STORAGE AND DISPOSAL OF HAZARDOUS WASTE MUST BE CARRIED OUT BY A LICENSED FACILITY OR WASTE HAULER.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:SUPPLIED RESPIRATOR OR SELF-CONTAINED BR EATHING

APPARATUS IF MISTING IS LIKELY.

Ventilation:LOCAL: TO KEEP MISTS BELOW TLV. MECHANICAL: NO INFORMATION.

SPECIAL VENTILATION: EQUIPMENT FOR COLLECTION OF MISTS IF SPRAYED.

Protective Gloves:RUBBER OR PLASTIC.

Eye Protection:GLASSES, GOGGLES OR FACE SHIELD.

Other Protective Equipment:AS APPROPRIATE TO OPERATION TO GUARD AGAINST CONTAMINATION OF CLOTHING AND PROLONGED OR REPEATED SKIN CONTACT.

Supplemental Safety and Health

NOTE-THE PRODUCT ITSELF DOES NOT PRODUCE HAZARDOUS FUME S OR VAPORS.

CONSEQUENTLY, NO VENTILATION OR RESPIRATORY PROTECTION IS REQUIRED UNDER NORMAL OPERATING CONDITIONS. HOWEVER, IF THE PRODUCT IS APP LIED IN A WAY THAT PRODUCES MISTS OR AEROSOLS, THEN APPROPRIATE VENTILATION AND RESPIRATORY PROTECTION IS RECOMMENDED.

=====
===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:>100.C, 212.F

Vapor Pres:NO DATA

Vapor Density: