



**UNIVAR**

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For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

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PRODUCT NAME: SANIBROM 40 BIOCID  
MSDS NUMBER: P22274VS  
DATE ISSUED: 05/29/2008  
SUPERSEDES: 05/01/2003  
ISSUED BY: 008377

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Material Safety Data Sheet

Albemarle Corporation  
451 Florida Street, Baton Rouge, LA 70801  
For Emergencies Only - Phone (225) 344-7147  
For Non-Emergency Health & Safety Phone 1-800-535-3030  
Representing Albemarle Foreign Sales Corporation for Export Sales

HMS CLASSIFICATIONS:  
HEALTH: 2  
FLAMMABILITY: 0  
REACTIVITY: 0

PRODUCT IDENTIFICATION

PRODUCT NAME: SANIBROM 40 BIOCID  
CHEMICAL NAME: Sodium Bromide, Water Solution  
CAS NO.: Not applicable-mixture  
CHEMICAL FORMULA: NaBr/H2O

CHEMICAL FAMILY: Metal Bromide

SANIBROM is a trademark of Albemarle Corporation.

SUMMARY OF HAZARDS

Prolonged eye and skin contact may cause severe irritation. Harmful if swallowed or absorbed through the skin.

OSHA HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS NO.	NOTE	EXPOSURE LIMIT
Sodium Bromide OSHA/ACGIH.	7647-15-6	ND	Not established by

NOTE: Carcinogenicity listing of components at concentrations greater than or equal to 0.1% indicated by: @=NTP; #=IARC; &=OSHA; +=ACGIH; \*=OTHER; ND=Not Designated.

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE/ODOR: Clear liquid/little or no odor.

BOILING POINT: Approx. 112C/234F.

VAPOR PRESSURE: 17.5 mm Hg @ 20C/68F for aqueous portion of solution.

SOLUBILITY IN WATER: Miscible.

SPECIFIC GRAVITY: -1.41 @ 21C/70F

PERCENT VOLATILE: 60% water (by weight).

FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD): Non-flammable.

FLAMMABLE LIMITS: Not applicable.

EXTINGUISHING MEDIA: None required.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Includes bromide.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Extremely high heat.

**MATERIALS TO AVOID:** Strong acids and strong oxidizing agents. Avoid contact with common metals such as aluminum, brass, copper, carbon steel and stainless steel.

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### HEALTH HAZARDS

**INHALATION:** Not expected to be a primary route of exposure.

**EYE CONTACT:** Prolonged eye contact may cause severe irritation.

**SKIN CONTACT:** Harmful if absorbed through skin. Prolonged skin contact may cause severe irritation.

**INGESTION:** Not expected to be a primary route of exposure. Harmful if swallowed.

**CHRONIC EFFECTS OF OVEREXPOSURE:** None known.

#### EMERGENCY FIRST AID PROCEDURES

**EYE CONTACT:** If in eyes, hold eye open and rinse slowly and gently with water for 15-25 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN CONTACT:** If on skin or clothing, 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:** If swallowed, 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.

**NOTE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

#### EXPOSURE CONTROL INFORMATION

**EXPOSURE LIMITS:** Not established by OSHA/ACGIH.

**EYE PROTECTION:** Chemical goggles.

**PROTECTIVE GLOVES:** Resistant to chemical penetration.

**RESPIRATORY PROTECTION:** None under normal conditions.

LOCAL EXHAUST VENTILATION: Not required.

MECHANICAL VENTILATION: Recommended.

OTHER: If repeated or prolonged skin contact or contamination of clothing is likely, protective clothing should be worn.

#### ENVIRONMENTAL PROTECTION

SPILLS OR LEAKS: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

DISPOSAL METHODS: To the best of Albemarle's knowledge, this product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedure. Please refer to label for disposal method. Contact your Regional Office of EPA for guidance in disposal of this product.

STORAGE REQUIREMENTS: Store in well-ventilated, cool, dry area. Close container when not in use. Store at temperatures above 10F.

#### ADDITIONAL PRECAUTIONS OR COMMENTS

#### REGULATORY INFORMATION

##### TSCA:

THIS MATERIAL IS EXEMPT FROM THE TOXIC SUBSTANCES CONTROL ACT (15 USC 2601-2629).

EPA Reg. No. 3377-25

DOT DESCRIPTION/PROPER SHIPPING NAME:

Not regulated for transportation.

#### HAZARD CATEGORIES FOR SARA 311/312 REPORTING ARE INDICATED BELOW:

HEALTH	Immediate (Acute)	Yes
HEALTH	Delayed (Chronic)	No
PHYSICAL	Fire	No
PHYSICAL	Sudden Release of Pressure	No
PHYSICAL	Reactive	No
	Nuisance Mist/Dust Only	No

#### FOLLOWING ARE WHMIS CLASSIFICATIONS FOR THIS PRODUCT:

CLASS D, DIVISION 2B

WHMIS ASSESSMENT DATE: 05/28/08

COMPONENT NAME	CAS NO.	PERCENTAGE	REGULATION
Sodium Bromide	7647-15-6	40.0	WHMIS-CN2

ADDRESS CONTACT INFORMATION

MSDS prepared by: Health & Environment Department Albemarle Corporation

THIS MATERIAL SAFETY DATA SHEET CONTAINS AT LEAST THE INFORMATION  
REQUIRED BY  
THE FEDERAL OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200(g) (2).

For Additional Information:

Contact: MSDS Coordinator - Univar USA  
During business hours, Pacific Time - (425) 889-3400

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