3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula	: BiNaO ₃	
Molecular Weight	: 279.97 g/mol	
Component		Concentration
Bismuth sodium trioxi	de	
CAS-No.	12232-99-4	-
EC-No.	235-455-6	

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before break7r257I hygiene an

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions no data available

Conditions to avoid Avoid moisture.

Materials to avoid acids

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Sodium oxides, Bismuth oxides Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50 LD50 Oral - rat - 420 mg/kg

Inhalation LC50 no data available

Dermal LD50 no data available

Other information on acute toxon84726(0)-12.3114()]0t1 no data available

4.15252956(m)-2.84586(p)-2-0.167663(t)-1.98401(i)-0.167663(o)-0.152956(n)-5.15196(s)0.152956()-0.168398(to)-4.154

Specific target organ toxicity - single exposure (Globally Harmonized System) no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System) no data available

Aspiration hazard no data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract

15. REGULATORY INFORMATION

OSHA Hazards

Toxic by ingestion

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Bismuth sodium trioxide	CAS-No. 12232-99-4	Revision Date
New Jersey Right To Know Components		Devision Data
Bismuth sodium trioxide	CAS-No. 12232-99-4	Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Further information

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