



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Xeroform (3.4%)
Use/Size Gauze wound dressing / 4" x 3 yd.
Product Numbers 8884-432000
Manufacturer/Supplier Covidien, LP
Address 15 Hampshire Street
 Mansfield, MA 02048
Phone Number (508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm)
Chemtrec Number (800) 424-9300
Revision Date: May 3, 2013
MSDS Date: September 22, 1998
This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Petroleum Jelly	8009-03-8 232-373-2	> 90.00%	R-None	None
Bismuth Tribromophenate	5175-83-7 225-958-9	3.00 -10.00%	R-None	None

3. HAZARD IDENTIFICATION

EU Main Hazards
 Not classified as hazardous.

Routes of Entry
 - Eye contact - Ingestion - Skin

Carcinogenic Status
 Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs
 - Eye - Skin

Health Effects - Eyes
 Contact may cause slight transient irritation.

Health Effects - Skin
 This product is non-irritating to the skin and skin absorption is not associated with any health effects.

Health Effects - Ingestion
 A large dose may have the following effects:
 - nausea - vomiting - diarrhea - abdominal pain - intestinal obstruction

Health Effects - Inhalation
 No adverse effects are expected during normal conditions of use.

4. FIRST AID MEASURES

Eyes
 Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain



4. FIRST AID MEASURES

medical attention if soreness or redness persists.

Skin

If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

Ingestion

Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

Inhalation

If there is difficulty in breathing, give oxygen. Seek medical attention if symptoms persist.

Advice to Physicians

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Not Flammable. Select extinguishing agent appropriate to other materials involved.

Unusual Fire and Explosion Hazards

None known.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

This product, in final form, is a petrolatum gauze dressing, and is not expected to present a spill or release hazard. No specific measures necessary.

7. HANDLING AND STORAGE

Keep container tightly closed when not in use. Storage area should be: - cool - dry - well ventilated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Exposure limits are listed below, if they exist.

Petroleum Jelly

None assigned.

Bismuth Tribromophenate

None assigned.

Engineering Control Measures

No specific measures necessary.

Respiratory Protection

Respiratory protection not normally required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection

Skin protection not normally required.

Eye Protection

Eye protection not normally required. However, care should be taken to avoid accidental exposure.

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Ointment
Color	Mustard - Yellow
Odor	Slight Phenolic
pH	No data.
Boiling Range/Point (°C/F)	No data.
Melting Point (°C/F)	No data.
Flash Point (PMCC) (°C/F)	No data.
Explosion Limits (%)	No data.
Vapor Pressure	No data.
Density	No data.
Solubility in Water	Insoluble
Vapor Density (Air = 1)	No data.
Viscosity (cSt)	No data.

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

- Heat - High temperatures

Materials to Avoid

- Strong oxidizing agents

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

- acid smoke and irritating fumes - oxides of carbon – oxides of bismuth – hydrobromic acid

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

In dermal toxicity studies, this product was not found to be a primary skin irritant when applied to rabbit skin for 24 or 48 hours.

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long-term adverse health effects.

Genotoxicity

This product is not expected to cause any mutagenic effects.

Reproductive/Developmental Toxicity

This product is not expected to cause reproductive or developmental health effects.

12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bio-accumulation

No relevant studies identified.

Ecotoxicity

No relevant studies identified.

13. DISPOSAL

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.

15. REGULATORY INFORMATION

EU Label Information

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

EU Hazard Symbol and Indication of Danger

According to EC Commission Directive 67/548/EEC this product is not classified

R phrases

None.

S phrases

None.

15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS**TSCA Listing**

All ingredients have been verified for inclusion on the EPA Toxic Substance Control Act Chemical Substance Inventory.

EINECS Listing

All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL/NDSL (Canadian) Listing

This product contains bismuth tribromophenate, which is listed on the Non-Domestic Substance List (NDSL). All other ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law

This product does not contain any chemicals listed on the Massachusetts Right To Know Substance List.

PA Right To Know Law

This product does not contain any chemicals on the Pennsylvania Hazardous Substance List.

NJ Right To Know Law

This product does not contain any chemicals on the New Jersey Workplace Hazardous Substance List.

California Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 302 (EHS)

This product does not contain any chemicals subject to SARA Title III Section 302.

SARA Title III Sect. 304

This product does not contain any chemicals subject to SARA Title III Section 304.

SARA Title III Sect. 311/312 Categorization

This product does not meet any of the SARA Title III Section 311/312 categorizations.

SARA Title III Sect. 313

This product does not contain a chemical that is listed in Section 313 at or above de minimis concentrations.

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Flammability - 0

NFPA Code for Health - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - 0

HMIS Ratings

HMIS Code for Flammability - 0

HMIS Code for Health - 0

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number



16. OTHER INFORMATION

ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
EU: European Union
R: Risk
S: Safety
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient

Prepared By: EnviroNet LLC.

The information and recommendations presented in this MSDS are based on sources believed to be accurate; therefore, The Covidien, LP assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.
