| tyco Healthcare | KENDALL | **MATERIAL SAFETY DATA SHEET**<br>**CURITY IODOFORM PACKING STRIPS** |
|---|---|---|

# 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| **Product Name** | CURITY IODOFORM PACKING STRIPS |
| **Use/Size** | Wound Dressings |
| **Product Numbers** | 7831, 7832, 7833, 7834 |
| **Manufacturer/Supplier** | Tyco Healthcare/ Kendall |
| **Address** | 15 Hampshire Street<br>Mansfield, MA 02048 |
| **Phone Number** | (508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm) |
| **Chemtrec Number** | (800) 424-9300 |
| **Revision Date:** | January 30, 2004 |
| **MSDS Date:** | September 14, 1999 |

*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 |
|---|---|---|---|---|
| Surfactant | Trade secret | >10.00% | R-None | None |
| Water | 7732-18-5<br>231-791-2 | >80.00% | R-None | None |
| Iodoform | 75-47-8<br>200-874-5 | 1.00-10.00% | R-None | None |
| Polyol | Trade Secret | 1.00-10.00% | R-None | None |

# 3. HAZARD IDENTIFICATION

**EU Main Hazards**
Not classified as hazardous.

**Routes of Entry**
- Eye contact - Skin contact - Inhalation

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

**Target Organs**
- Eye – Skin – Respiratory System – Central Nervous System – Liver - Kidney

**Health Effects - Eyes**
Contact may cause slight transient irritation.

**Health Effects - Skin**
Material may cause irritation. Liquid or vapor may be absorbed in toxicologically significant amounts. Repeated or prolonged contact may lead to dermatitis.

**Health Effects – Ingestion**
Swallowing may have the following effects: irritation of the mouth, throat and digestive tract – vomiting. A large dose may have the following effects: - damage to central nervous system – liver damage – kidney damage

**Health Effects - Inhalation**
Exposure to vapor may have the following effects: - irriation of the nose, throat and respiratory tract

## 4. FIRST AID MEASURES

**Eyes**
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain 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**
This product may give rise to hazardous fumes in a fire.

**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 wound 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.

**Polyol**
None assigned.

**Iodoform**
ACGIH: TLV 0.6ppm (10mg/m3) 8h TWA.
UK EH40: OES 0.6ppm (10mg/m3) 8h TWA.
UK EH40: OES 1ppm (20mg/m3) 15min TWA.

**Surfactant**
None assigned.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Control Measures**
No specific measures necessary.

**Respiratory Protection**
Respiratory protection not normally required.

**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** | Non-woven cloth saturated with liquid |
| **Color** | Opaque - Light Yellow |
| **Odor** | Iodine |
| **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** | No data. |
| **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 - Pressure

**Materials to Avoid**
- Acids - Bases - Oxidizing agents

**Hazardous Polymerization**
Will not occur.

**Hazardous Decomposition Products**
- oxides of carbon - hydroiodic acid

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**
Polyol: Oral LD50 (rat) 30200mg/kg.

Iodoform: Oral LD50 (rat) 355 mg/kg. Dermal LD50 (rat) 1184 mg/kg.

**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**
(Iodoform)

If released to soil, iodoform is expected to have very high mobility based upon an estimated Koc of 35.

**Persistence/Degradability**
No relevant studies identified.

**Bio-accumulation**
(Iodoform)

An estimated BCF of 43 suggests the potential for bioconcentration in aquatic organisms is low.

**Ecotoxicity**
Tests on the following species gave a 96h LC50 of 2.01-2.92mg/litre: - fathead minnow

## 13. DISPOSAL

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

## 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.

## 15. REGULATORY INFORMATION

**R phrases**
None.

**S phrases**
None.

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

**TSCA Listing**
This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical 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 (Canadian) Listing**
All ingredients in this product are listed on the Domestic Substance List (DSL).

**MA Right To Know Law**
All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at or above the de minimus concentration include: - Iodoform

**PA Right To Know Law**
This product contains the following chemicals found on the Pennsylvania Hazardous Substance List: - Iodoform

**NJ Right To Know Law**
This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List: - Iodoform

**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 - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards - 0

**HMIS Ratings**
HMIS Code for Flammability - 0

## 16. OTHER INFORMATION

HMIS Code for Health - 1
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
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
R: Risk
S: Safety
EU: European Union
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 Kendall Company 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.