



# GX+ Hard Surface Foam and Spray Disinfectant

## MATERIAL SAFETY DATA SHEET

### SECTION 1 Identification

**Product name:** GX Hard Surface Foam and Spray Disinfectant

**Product Type/General Information:** Disinfectant detergent

**Manufacturers Name & Address:** GX Laboratories International Ltd  
GX House,  
Tiglinn, Green Lawn,  
Killarney, Co. Kerry,  
Ireland.

**Email:** sales@ gx-labs.com

**Emergency Telephone no:** 00 353 642 6600

### SECTION 2 Hazardous Ingredients/Identity Information

Contains: water, surfactants (<1% alkyl ether sulphate), biocide 0.2% glutaral C11-C15 parath 9 , fragrance and pH buffering agents.

### SECTION 3 Hazard identification

The preparation is not classified as dangerous according to the rules given in Directive 1999/45/EEC.

### SECTION 4 First Aid Measures

**Ingestion:** **DO NOT INDUCE VOMITING.** Drink large quantities of water and call a physician, if necessary

**Eyes:** Flush eyes with water and continue washing for at least 5 minutes. If discomfort persists, obtain medical attention.

**Skin:** If irritancy occurs, remove contaminated clothing and flush skin with soap and plenty of water for a minimum of 5 minutes. If irritation persists, seek medical attention. Wash or discard contaminated clothing.

**Inhalation:** Remove to fresh air. If irritation persists, seek medical help.

### SECTION 5 Fire fighting measures

**Unusual Fire and Explosion Hazards:** None known

**Extinguishing Media:** Carbon dioxide, foam, dry chemical



## **SECTION 6 Accidental release measures**

**Personal precautions:** Prevent skin/eye contact  
If the spill is large, wear appropriate respiratory protection

**Environmental precautions:** no special precautions

### **Methods for cleaning up:**

*For small spills of 5litres or less*, gather up a bucket, water and a sponge or mop. Mop or sponge the water into the spill until thoroughly combined and diluted. Wipe or mop up the resulting spill area, a final wipe or mop with fresh water. Re-rinse all equipment, and allow spill area to dry.

*For large spills of more than 50litres*, remove people from immediate spill area, and isolate until cleaned up. Don protective equipment including goggles, gloves and boots. Contain spill with absorbent material, i.e. towels. Add approximately 460 grams of sodium bisulphite powder per litre of GX+ HARD SURFACE FOAM AND SPRAY DISINFECTANT spill with a sponge or mop, mix neutralizing chemical into spill, and allow 2 minutes for deactivation to occur. Discard resulting mixture according to your facility's waste disposal guidelines. Rinse the area with plenty of water, (use a hose pipe). Mop spill area with fresh water. Rinse out all equipment (bucket, mop, and towel) with large amount of water. If paper towels were used, dispose of in a tightly closed waste bag. Let spill area dry, and if possible increase ventilation.

## **SECTION 7 Handling and Storage**

### **Handling:**

There are no specific handling requirements

### **Storage:**

GX+ HARD SURFACE FOAM AND SPRAY DISINFECTANT should be stored in its original sealed container at room temperature (15°C to 30°C) away **from direct sunlight**.

### **Specific uses:**

Product is intended for disinfecting hard surfaces.

## **SECTION 8 Exposure controls/Personal protection**

*No special requirements for use. Although glutaral is subject to a workplace exposure limit (0.05 ppm or 0.2 mg/m<sup>3</sup>, 15 min or 8 h TW, it is highly unlikely that significant levels of glutaral will be released during use in accordance with the manufacturer's instructions.*

## **SECTION 9 Physical and chemical properties**

<b>Appearance &amp; Colour:</b>	Clear liquid
<b>Odour:</b>	Preparation contains a fragrance
<b>pH:</b>	Between 5.5 and 7.8
<b>Boiling point:</b>	100°C
<b>Flammability:</b>	Non-flammable
<b>Relative density:</b>	~1
<b>Specific Gravity:</b>	1.00-1.01
<b>Solubility (H<sub>2</sub>O):</b>	Complete
<b>Vapour Pressure:</b>	16.9 mm Hg
<b>Vapour Density:</b>	1.1 (air =1)
<b>Evaporation Rate:</b>	N/A

## **SECTION 10 Stability and reactivity**

<b>Stability:</b>	Stable
<b>Hazardous Polymerisation:</b>	Will Not Occur at temperatures between -4°C and +50°C
<b>Conditions and Materials to Avoid:</b>	Enzyme cleaners, Ammonia, Amine containing



**Hazardous Decomposition Products:**  
of carbon.

products neutralise the efficacy of G-cide.  
Thermal decomposition may produce toxic oxides

### **SECTION 11 Toxicological Information**

The preparation is essentially non-toxic. Although there may be some immediate eye irritation that is unlikely to be long-lasting.

### **SECTION 12 Ecological Considerations**

None

### **SECTION 13 Disposal considerations**

Disposal of GX+ HARD SURFACE FOAM AND SPRAY DISINFECTANT may be accomplished by pouring solution down the drain in accordance with state and local regulations. Flush with a large quantity of water. Rinse thoroughly with water and dispose of the container in the waste bin. GX is biodegradable and all its ingredients are eco friendly.

### **SECTION 14 Transport**

**UN Number** not classified

**Class** n/a

**Proper Shipping Name:** n/a

**Packing group** n/a

**Special Instructions:** None

**Reportable Quantity:** None

### **SECTION 15 Regulatory information**

Glutaral is a biocide listed in Commission Regulation No 2032/2003, Annexes 1 and 2, as a product intended for use, *inter alia*, as a private area and public health area disinfectant and other biocidal product (product type 2) and regulated under the Biocides Directive (98/8/EEC) [in the UK the Biocidal Product Regulations 2001 (SI 2001/880)]. Appropriate data have been submitted to the UK Health and Safety Executive and the UK National Poisons Information Service.

The preparation is not classified under Directive 1999/45/EEC and the Chemicals (Hazardous Information and Packaging for supply) Regulations 2002 (SI 2002/1689; CHIP3).

In the UK glutaral is recognised as an asthmagen and exposure should be reduced as low as is reasonably practicable below the workplace exposure limit (0.05 ppm or 0.2 mg/M<sup>3</sup>, 15 min and 8 h TWA) given in EH 40/2005.

### **SECTION 16 other information**

The preparation meets the requirements of

- BSEN 1276:1997

for disinfectants and antiseptics.

This safety data sheet has been prepared in the light of the HSE Approved Code of Practice 'The compilation of safety data sheets' (third edition, 2002) and Directive 91/155/EEC as revised by Commission Directive 2001/58/EC. It reflects the classification and labelling requirements of Annex 1 to Directive 67/548/EEC, as revised up to and including the 29<sup>th</sup> ATP. Other sources of information include 'Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products' (Madsen, T et al., Environmental Project no 615, Miljøstyrelsen, Copenhagen, Denmark, 2001), 'CESIO



Recommendation for the Classification and Labelling of Surfactants ‘Dangerous to the Environment’ (CEFIC, Brussels, Belgium, 2003) and the OECD SIDS document for glutaral.

Data sheet prepared May 2005.

**NOTE:** While GX Laboratories International Ltd; believes that the data contained herein are factual, and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which GX Laboratories International Ltd; assumes legal responsibility. Since the use of this information and these opinions and the conditions of use of the product are not within the control of GX Laboratories International Ltd, it is the user's obligation to assure safe use of the product.