



GX+ Hand Sanitizer

MATERIAL SAFETY DATA SHEET

SECTION 1 Identification

Product Name: GX+ Hand Sanitizer
Product Type/General Information: Disinfectant hand cleaner
Manufacturers Name & Address: GX Laboratories International Ltd
GX House,
Tiglinn, Green Lawn,
Killarney, Co. Kerry,
Ireland.
Email: sales@ gx-labs.com
Emergency Telephone Number 00 353 642 6600

SECTION 2 Hazardous Ingredients/Identity Information

Contains: water, surfactants (<1% alkyl ether sulphate), biocide 0.1% glutaral C11 C15 pareth 9 , fragrance, isopropyl alcohol, glycerine 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 excessive 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 of water and a sponge or mop. Mop or sponge the water into the spill until thoroughly combined. Wipe or mop up resulting spill and do 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 as it will be very slippery, and isolate until cleaned up. Contain spill with absorbent material, i.e. towels. With a sponge type mop pick up as much of the spillage as possible. Discard the waste into a bin according to your facility's waste disposal guidelines. OR wash the area down with plenty of water to drain or sewer. Then mop the 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 before allowing people traffic to ensure no one can slip on the floor.

SECTION 7 Handling and Storage

Handling:

There are no specific handling requirements

Storage:

GX+ 0.1% HAND SANITIZER should be stored in its original sealed container at room temperature (15°C to 30°C) away **from direct sunlight**.

Specific uses:

GX+ Hand Sanitizer is intended for use as a hand cleaner.

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/m³, 15 min or 8 h TW, it is highly unlikely that significant levels of glutaral will be released during us in accordance with the manufacturer's instructions.

SECTION 9 Physical and chemical properties

Appearance & Colour:	A clear pale blue aqueous liquid
Odour:	Preparation contains a fragrance
pH:	Between 5.5 and 7.8
Boiling point:	100°C
Flammability:	Non-flammable
Relative density:	~1
Specific Gravity:	0.9-1.0
Solubility (H₂O):	Complete
Vapour Pressure:	16.9 mm Hg
Vapour Density:	1.1 (air =1)
Evaporation Rate:	N/A

SECTION 10 Stability and reactivity

Stability:	Stable
Hazardous Polymerisation:	Will Not Occur at temperatures between -4°C and +50°C
Conditions and Materials to Avoid:	Enzyme cleaners, Ammonia, Amine containing products neutralise the efficacy of G-cide.
Hazardous Decomposition Products:	Thermal decomposition may produce toxic oxides of carbon.

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+ 0.1% HAND SANITIZER 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+ 0.1% Hand Sanitizer 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 human hygiene biocidal product (product type 1) 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/M³, 15 min and 8 h TWA) given in EH 40/2005.

SECTION 16 other information

The preparation meets the requirements of

- BSEN 1276:1997
- BSEN 1500:1997

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 29th 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.