
MATERIAL SAFETY DATA SHEET

1 Identification of substance:

- Product details: Surface Disinfectant
- Trade name: **ULTRASURF SPRAY**

· Manufacturer:

BECTA LABORATORIES

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2 Composition

- Chemical characterization
- Description: Mixture of the substances listed below with harmless additions.
- Dangerous components:

Glutaraldehyde	(CAS 111-30-8)	0.1% w/v
Formaldehyde IP	(CAS 50-00-0)	0.3% w/v
Glyoxal IP	(CAS 107-22-2)	0.165% w/v
Benzalkonium chloride IP (50% soln.)	(CAS 8001-54-5)	0.3% w/v
Isopropyl alcohol	(CAS 67-63-0)	70% v/v
Purified water		q.s.
Colour - Brilliant Blue FCF		

3 Hazards identification

- Hazard designation: Irritant
 - Information pertaining to particular dangers for man and environment
R 10 Flammable.
R 41 Risk of serious damage to eyes.
R 67 Vapours may cause drowsiness and dizziness.
 - Classification system
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
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4 First aid measures

- After inhalation Supply fresh air.
 - After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.
 - After swallowing
Rinse out mouth and then drink plenty of water.
In case of persistent symptoms consult doctor.
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5 Firefighting measures

- Suitable extinguishing agents
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
 - Protective equipment: No special measures required.
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6 Accidental release measures

- Person-related safety precautions:
Ensure adequate ventilation
Keep away from ignition sources
 - Measures for environmental protection: Dilute with much water.
 - Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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7 Handling and storage

- Handling
 - Information for safe handling:
No special precautions necessary if used correctly.
Keep away from heat and direct sunlight.
 - Information about protection against explosions and fires:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
 - Storage
 - Requirements to be met by storerooms and containers: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: Keep container tightly sealed.
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8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.
 - Components with critical values that require monitoring at the workplace:
 - Additional information: The lists that were valid during the compilation were used as basis.
 - Personal protective equipment
 - General protective and hygienic measures
The usual precautionary measures should be adhered to in handling the chemicals.
 - Breathing equipment: Not necessary if room is well-ventilated.
 - Eye protection: Safety glasses recommended during refilling.
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9 Physical and chemical properties:

General Information

- Form: fluid
- Color: Light Greenish Blue
- Smell: pleasant
- Change in condition
- Melting point/Melting range: not determined
- Boiling point/Boiling range: 80 - 90* Celsius
- Flash point: 35* Celsius by cup method
- Self-inflammability: product is not self igniting
- UN standard : 1170

. Product shipping name : Alcoholic disinfectant (Contains Isopropyl alcohol)

- Density at 20°C 0.89 g/cm³
- Solubility in / Miscibility with Water: fully miscible

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions No dangerous reactions known.
- Dangerous products of composition: No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity

- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: Strong irritant with the danger of severe eye injury.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:

Classification Guidelines for Preparations as issued in the latest version: Irritant

12 Ecological information:

- Information about elimination (persistence and degradability):
- Other information: The product is easily biodegradable.
- Additional ecological information: -

13 Disposal considerations

- Product:
- Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system
Must be specially treated under adherence to official regulations.
- Uncleaned packagings:
 - Recommendation:
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- Recommended cleaning agent: Water, if necessary with cleaning agent.
- Land transport (Domestic)
Keep away from fire and light.

14 Transport information

ADG (Road/ Rail/ Sea/ Air)	
UN Number	1170
Proper Shipping Name	Surface Disinfectant (Brand - Ultrasurf Spray)
Dangerous Goods Class	3
Subsidiary Risk	Non Allocated
Packing Group	II

15 Regulatory information

· Designation according to FDA guidelines:

As a drug / cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, normal safety regulations should be observed.

Drug: Marking of hazardous material is voluntary.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Highly flammable.

Harmful if swallowed.

Causes burns.

Irritating to eyes.

Risk of serious damage to eyes.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.