

PRODUCT SAFETY DATA SHEET According to 91/155E

Product: BKIHAN – CLARITY INSTANT HAND SANITISER

DATE PREPARED:25/02/2012

UP DATED:25/02/2015

1. IDENTIFICATION OF THE COMPANY UNDERTAKING PREPARATION OF THE SUBSTANCE	
Supplier:	CLARITY
Address	Unit 7 Highams Park Industrial Estate Jubilee Avenue London E4 9JD
Emergency Telephone No:	020 3078 8950
Product Name: Product Code:	INSTANT HAND SANITISER BKIHAN

2. COMPOSITION / INFORMATION OF INGREDIENTS	
Chemical Description:	Contains: Aqua, Ethanol, Propylene glycol, Carbopol ultrez 21, Glycerin, Perfume, Triethanolamine, Triclosan, Aloe Vera
Description:	INSTANT HAND SANITISER
Dangerous Components:	Ethanol – R11 Highly Flammable

3. HAZARD IDENTIFICATION	
Description:	R11 Highly flammable Classification F;R11

4. FIRST AID MEASURES	
Skin:	Remove contaminated clothing. Wash affected area with water. In severe cases, seek medical attention.
Eyes:	Irrigate thoroughly with copious amounts of water. If irritation or redness persists, seek medical attention.

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Ingestion:	Flush mouth and drink plenty of water. Obtain medical advice If necessary.
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5. FIRE FIGHTING MEASURES	
Description: Suitable extinguishing agents:	Carbon dioxide, powder or water fog. Fight large fires with water fog or alcohol resistant foam.
Unsuitable extinguishing agents:	Water jet.
Protective equipment:	Wear a respirator containing a type CC canister (colour black with grey stripe) or preferably a self-contained breathing apparatus. Evacuation of the area should be considered. Keep containers cool by spraying with water.
6. ACCIDENTAL RELEASE MEASURES:	
Description: Personal precautions:	For large quantities of spillage, Evacuate for personnel with emergency. Extinguish any naked lights or other sources of ignition. Ventilate area. Avoid inhalation of Vapour. Wear protective goggles, gloves, overalls & boots.
Environmental precautions:	Prevent entry into drains, sewers and water courses. In the case of a Major release inform the local authority.
Method for cleaning up:	Ensure adequate ventilation. Prevent liquid from spreading using sand or earth. Absorb with earth or sand and place in waster container. Wash away any residues Dispose of in accordance with state and local authority regulation.
7. STORAGE AND HANDLING	

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Handling:	Ensure good ventilation/exhaustion at the workplace. Keep away from heat and direct sunlight.
Storage: Requirements to be met by storerooms and containers:	Store at ambient temperature.
8. EXPOSURE CONTROL/PERSONAL PROTECTION	
Description:	Operator to wear rubber gloves, safety glasses, protective clothing and non-slippery shoes during manufacture. Ethanol OES 1000ppm (1920mg/m ³)8h TWA.

9. PHYSICAL & CHEMICAL PROPERTIES	
Form:	Clear Gel
Odour:	Characteristic
pH:	6.00-8.00@20°C
Viscosity:	0.40 sec to 2.0 sec (Ford Cup 4)
Freezing point/range:	Not applicable
Boiling point/range:	Not applicable
Flash point:	Not applicable
Vapour pressure:	Not applicable
Auto-ignition temperature:	Not applicable
Danger of explosion:	Not applicable
Critical values for explosion:	Not applicable
Density @ 20 degrees C (water = 1):	0.890-0.905
Water solubility:	Soluble
Explosive Properties:	Can form explosive mixture with air
Partition coefficient (n-Octanol/water):	Not Determined
Oxidising Properties:	May react with strong oxidising agents
Microbiology:	Total viable count <1000cfu per gram. Absence of pathogens yeasts &moulds <100 per gram.

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10. STABILITY & REACTIVITY	
Thermal decomposition/conditions to be avoided:	This product is considered to be stable under normal conditions. High temperatures. Keep away from sources of ignition.
Materials to be avoided:	In compatibility: oxidizing agents, sulphuric acid, nitric acid.
Dangerous reactions:	None
Dangerous products of decomposition:	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION	
Description: Ethanol: Chronic Toxicity:	LD50 6200-17800mg/kg Oral Rat LD50>20000mg/kg Dermal Rabbit LC50>8000mg/l (4hr) Inhalation Rat Based on data for Ethanol
12. ECOLOGICAL INFORMATION	
Description: This product is readily biodegradable rapidly into the air because of poorly absorbed into	Mobility: This product is likely to volatise its high vapour pressure. The product is soils of sediments. Bio Accumulative Potential: This product is not expected to bio accumulate through food chains in the environment. Environmental Hazards: Not classified as dangerous. Other Ecological Information: Practically non toxic to aquatic organisms.

13. DISPOSAL CONDITIONS

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Waste treatment methods - recommendations:	Dispose of in accordance with all applicable local and national regulations. Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environment professional to determine if state or federal regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities.
Uncleaned packaging - recommendations:	Dispose of as a normal industrial waste and must be made according to the official regulation. Product packaging may be recycled where facilities are available.

14. TRANSPORT INFORMATION	
Description: CONTENTS DENATURED ALCOHOL: FLAMMABLE	ADR/RID UN No: 1170 PROPER SHIPPING NAME: ETHANOL (DENATURED) CLASS: 3 PACKING GROUP: 11 LABEL: 3 HIGHLY FLAMMABLE CEFIC TREMCARD NO: 3
15. REGULATORY INFORMATION	

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Designation according to EC guidelines: The product has been labelled in accordance with EC Directives/relevant national laws. 1. Risk phrases: none 2. Keep out of reach of children	Classification: Highly Flammable R phrases: R11 Highly flammable R22 – Harmful if swallowed R36 – Irritation to eyes R67 – Vapours may cause drowsiness and dizziness S phrases: S2 Keep out of reach of children S7 Keep container tightly closed S9 Keep container in a well-ventilated place S16 Keep away from sources of ignition – No smoking S33 – Take precautionary measures against static discharges. EU Regulations: Classification and labeling have been performed according to EC directives 1999/45/EC and 67/548/EEC as amended adapted. 
16. ANY OTHER INFORMATION	
Description: None Risk	phrases used in s.3: R11: Highly flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness. R36/38: Irritating to eyes and skin. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information here in is given in good faith and to the best of our knowledge but no warranty, express or implied is made.

Department issuing data specification sheet: Technical Department

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