

SAFETY DATA SHEET

In accordance with EC regulation no. 453/2010

Date of issue : July 2013

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Product name: **SANITEX[®] MVP - INSTANT HAND GEL ANTI BACTERIAL**

CPNP No.: 1116804

SECTION 1 : Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INSTANT HAND GEL ANTI BACTERIAL

Manual 1000mL: **MVP21004**

Automatic (Touch Free) 1000mL: **MVP21014**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Personal waterless skin cleansing for professional use.

1.3. Details of the supplier of the safety data sheet

Supplier:

Vectair Systems Ltd.

Unit 3 Trident Centre

Armstrong Road, Basingstoke Hampshire RG24 8 NU

United Kingdom

Telephone : +44-1256-319500

Fax : +44-1256-319510

E-mail : info@vectair.co.uk

1.4. Emergency telephone number

Vectair Systems Limited: +44-1256-319500

For the phone number of emergency valid in your country, thank you to contact the relevant local authorities and visit the website of ECHA (European Chemicals Agency) :

<http://echa.europa.eu/en/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

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SECTION 2 : Hazards identification

2.1. Classification of the mixture

Classification in accordance with Directive 1907/2006/EC

2.2. Label elements



Highly flammable

R-Phrases, R11: Highly Flammable

S-Phrases, S16: Keep away from sources of ignition

Product contains: Alcohol Denat, Aqua, Glycerin, Carbomer, Aminomethyl Propanol.

Label elements (1272/2008/EC):
Hazard pictograms:



- | | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

2.3. Other hazards:

Safety :

The product is flammable and volatile. The product may form flammable/explosive vapour mixtures.

Human :

Prolonged or repeated contact with the product may weakly irritate in high concentrations may irritate the respiratory system.

Ecological :

The product presents no particular risk to the environment provided disposal requirements and national or local regulations are complied with.

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SECTION 3 : Composition/information on the ingredients

Chemical characterisation: Liquid Hand Gel.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC nr.	Symbols	R-Phrases
Isopropyl Alcohol / Propan-2-ol	5 – 10	67-63-0	200-661-7	F; Xi	11, 36, 67
Ethyl alcohol/ Ethanol/ Alcohol Denat	>50	64-17-5	200-578-6	F	11

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

Substance name	REACH nr	Hazard Class	Pictograms	H-phrases
Ethanol	01-2119457610-43	Flam.Liq.2	GHS02	H225
Propan-2-ol	01-2119457558-25	Flam.Liq.2; Eye Irrit.2; STOT SE 3	GHS05; GHS07	H225; H319; H336

Reference is made to chapter 16 for full text of each relevant H phrase.

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SECTION 4 : First aid measures

4.1. Description of first aid measures by exposure way:

General :	If symptoms persist, call a Doctor.
Following inhalation:	Guide affected person to fresh air. Give oxygen if breathing is difficult. Guide affected person to medical treatment or call for assistance if required.
Following skin contact:	Rinse immediately with water, skin care. Consult a physician if skin irritation remains.
Following eye contact:	After separating the eyelids immediately flush eyes thoroughly and lasting with plenty of water. In case eye irritation persists, consult an Oculist.
Following ingestion:	In case person is fully conscious, rinse out the mouth with plenty of water and administer two glasses of water. Guide affected person to medical treatment or call for medical assistance. Hand out to the physician the container label or this safety data sheet.
Notes to the Physician:	Note to Physician – There is no specific information available about the product. Treat affected person according to symptoms developing.

4.2. Main symptoms and effects, both acute and delayed:

No data available.

4.3. Indication of any immediate medical attention and special treatment needed:

First aid, decontamination, symptomatic treatment.

SECTION 5 : Fire fighting measures

5.1. Extinguishing agents:

Measures:	Carbon Dioxide, powder and foam extinguisher (alcohol-resistant). Water spray
Not to be used for safety reasons:	Water jet

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5.2. Special hazards arising from the substance or mixture:

The product is flammable and volatile. Formation of carbon monoxide and Carbon Dioxide during the combustion of this product. During the thermal Decomposition/combustion of the product toxic and irritating vapours/gas are released. Heating will cause a pressure rise in closed drums – risk of bursting and explosion.

5.3. Advice for fire-fighters

Cool containers exposed to the fire with water spray. In case of a fire wear a self-containing breathing apparatus and OSHA/MSHA approved clothing. Collect contaminated extinguishing water if any and dispose of.

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Respiratory: Respiratory protective device EN 3181 with gas filter and cartridge A3 in case the official limits for airborne concentrations are exceeded. Respect the national time-limitations for the use of respiratory protective devices.
Eye: Protective goggles with side-protection.
Body: Impervious working clothes

6.2. Environmental precautions:

Do not discharge product into natural waters

6.3. Methods and material for containment and cleaning up

In case of big spill caused by damaged small containers: Close all drains. Ventilate dangerous area by mechanical means. Remove all sources of heat and ignition. Turn leaking containers leak-side up to prevent any further escape of liquid. Dike spilled liquid using dry inert materials like sand or soil. Only use explosion proofed tools resistant to organic solvents. Observing the relevant guidelines of safety mop up large amounts of liquid into labelled and resistant containers. Cover liquid residues using an inert chemical binder and take up spill into labelled and resistant containers. Finally dispose of products as pointed out in compliance with official regulations. Thoroughly wash ground using plenty of water.

6.4. Reference to other sections:

No data available.

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SECTION 7 : Handling and storage

7.1. Precautions for safe handling

Use product only in well ventilated areas/workplaces. Do not handle product in direct neighborhood of sparks, sources of heat and hot surfaces. Comply with the instructions in this technical sheet. Provide eyewash fountains at the working place. Do not smoke at the working place.

7.2. Conditions for safe storage, including any incompatibilities:

Store product only in tightly closed original containers in a cool and dry place protected from any sources of heat and ignition. Take all precautionary storage measures to avoid effectively any contamination of drains or water circuits in case of an accidental spill of the product. Do not store product close to incompatible substances. Take suitable precautionary measures against static discharges. Do not breathe product vapours during refilling processes and avoid spills and splashes. Respect the national guidelines for the storage of water hazardous products. Respect the national guidelines for the storage of hazardous products.
Products to Avoid: Caustic (alkaline) substances, strong oxidizers and reducing agents (reaction).

7.3 Specific end use(s):

No data available.

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SECTION 8 : Exposure controls/personal protection

Workplace exposure limits (mg/m³):

Chemical Name	Country	TWA 8 hour (mg/m ³)	STEL 15 min (mg/m ³)	Comments
Ethanol	GB	1920	-	-
Propan-2-ol	GB	999	1250	-

8.1. Control parameters

No data available.

Environmental exposure:

Respect the general regulations of industrial working hygiene as stated by the responsible professional association. Do not breathe product vapours. Do not eat, drink or smoke at the working place. Take off polluted clothing and thoroughly clean before reuse. Separate work clothing from casual dress.

8.2. Exposure controls:

Personal protective equipment:

Respiratory: Respiratory protective device EN 3181 with gas filter and cartridge A3 in case the official limits for airborne concentrations are exceeded. Respect the national time-limitations for the use of respiratory protective devices.

Eye: Protective goggles with side-protection.

Body: Impervious working clothes.

SECTION 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Aqueous surfactant solution.
Colour:	Colourless.
Odour:	Characteristics
Boiling point:	Approximately 80°C Ethanol
Density :	25°C approx. 0.93-0.95 g/cm ³
Bulk Density:	20°C not applicable kg/m ³
Vapour Pressure:	20°C 59 hPa Ethanol
Viscosity:	Pourable gel @ 20°C (Method: QP04)
Water Solubility:	25°C soluble g/l
Fat Solubility:	Partly soluble in the commonly used organic solvents
pH-Value:	7 - 7.5 (Method: QP07)
Flashpoint:	In closed cup >21°C
Auto Flammability:	425°C ethanol

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Exposure Limits:	Lower Volume: 3.5 % - Upper Volume: 15% Ethanol This product is a non-oxidizing material according to the actual EEC criteria.
Partition Coefficient n-Octanol / Water (Log Pow):	No data available
Further Data	VOC-Share: Max 70%
9.2. Other information	No data available.

SECTION 10 : Stability and reactivity

10.1. Reactivity:	Products to Avoid: Caustic (alkaline) substances, strong oxidizers and reducing agents (reaction).
10.2. Chemical stability:	No data available.
10.3. Possibility of hazardous reactions:	No data available.
10.4. Conditions to avoid:	Strong thermal influence (decomposition). The product is stable at ambient temperatures and if used according to given applications.
10.5. Incompatible materials:	No data available.
10.6 Hazardous decomposition products	Formation of carbon monoxide and carbon dioxide during the combustion of the product. During the thermal decomposition of the product toxic and irritating vapours/gases are released.

SECTION 11 : Toxicological information

11.1. Information on toxicological effects	When respecting the general instructions of good occupational hygiene the handling of the product does not imply a particular acute toxicological hazard. The single components of the formulation imply only a very low toxicological potential by oral and dermal route. The product is weakly irritating to the eyes. Product vapours in high concentration may irritate the respiratory system. Symptoms after a concentrated exposition are watering of the eyes, nausea, vomiting, difficulties in breathing, dry skin, dizziness, drowsiness, troubles with co-ordination.
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SECTION 12 : Ecological information

12.1. Toxicity:	No data available.
12.2. Persistence and degradability:	No data available.
12.3. Bioaccumulation potential	No data available.
12.4. Mobility in soil:	No data available.
12.5. Results of PBT and vPvB assessments	No data available

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12.6. Other adverse effects: Water hazardous classification.

Environmental compartment for the ultimate destination of the product: Soil, Air. If used properly according to its applications the product does not cause any problems in biological purification plants (Lit.1).

Do not release the product in the environment. Decant polluted waste water before its release into the drains.

SECTION 13 : Disposal considerations

13.1. Waste treatment methods

Disposal must be in accordance with current national and local regulations. We recommend that you contact either the authorities or approved waste disposal companies who will advise you on how to dispose of special waste.

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SECTION 14 : Transport information

14.1 Transport regulations	UN No.: UN 1170 Transport name: Ethanol Solution ADR/RID (Road / Railway) Hazard Class: 3 Emergency Classification code: 2YE / 2Y Packaging group: III Danger label: 3 
14.2 Sea Transport (IMDG-Code/GGVSEE)	IMDG UN-No.: UN 1170 Proper Shipping Name: Ethanol Solution IMDG Hazard Class: 3 IMDG Pack-Group: III Limited Quantity: LQ7
14.2 Air Transport (ICAO-IATA/DGR)	ICAO UN-No.: UN 1170 Proper Shipping Name: Ethanol Solution ICAO Hazard Class: 3 ICAO Pack-Group: III Limited Quantity: LQ7

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SECTION 15 : Regulatory information

15.1. Safety, health and environmental regulations/legislation specific to the substance or mixture

R-Phrases, R11 : Highly Flammable
S-Phrases, S16: Keep away from sources of ignition

15.2. Chemical safety assessment

Water-Hazard Classification: WGK 1 (Lit 1).

SECTION 16 : Other information

Recommended use and restrictions:

This product must not be used for any other purpose than that specified without prior authorisation from our technical department.

This SDS has been fully revised and reformatted in accordance with regulation 453/2010.

H and R phrases for the hazards specified in chapter 3:

R11	Highly flammable.
S16	Keep away from sources of ignition.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Further information:

HS Code 3808.9490

The information supplied by Vectair Systems Ltd in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.