

# PRODUCT SAFETY DATA SHEET

## 1. Chemical Product and Company Identification

### IDENTIFICATION OF SUBSTANCE:

PRODUCT NAME: Paragon Medi-Clenz/Germ Warfare Hand Gel

### SUPPLIER

PARAGON PE LTD  
24 Westgate  
Skelmersdale  
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WN8 8AZ  
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## 2. Composition/Information on Ingredients

CHEMICAL:		EINECS NUMBER	PRODUCT CAS NUMBER
	Methanol	200-659-6	67-56-1
	Ethanol	200-578-6	64-17-5
	H <sup>2</sup> O		
	Aristoflex avc	200-889-7	75-65-0

## 3. Hazards Identification

PHYSICAL/CHEMICAL HAZARDS:  
HUMAN HEALTH HAZARDS

HIGHLY FLAMMABLE  
HARMFUL BY INHALATION, AND IF SWALLOWED

## 4. First Aid Measures

### GENERAL:

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

### INHALATION:

MOVE EXPOSED PERSON TO FRESH AIR AT ONCE. PERFORM ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. IF BREATHING IS DIFFICULT QUALIFIED PERSONNEL MAY GIVE OXYGEN. OBTAIN MEDICAL ATTENTION

### INGESTION

DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL. IF LARGE QUANTITIES OF THIS PRODUCT ARE SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. IF PATIENT IS CONSCIOUS GIVE WATER TO DRINK AND LOOSEN TIGHT CLOTHING.

### SKIN CONTACT:

PRODUCT MANUFACTURED FOR SKIN CONTACT

### EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH COPIOUS AMMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION

## 5. Fire Fighting Measures

Extinguishable Media:

Suitable:

Flammable liquid

SMALL FIRE: Use DRY chemical powder

LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water spray in order to prevent pressure build-up, auto-ignition or explosion

Hazardous thermal (de)composition products:

These products are carbonoxides (CO, CO<sup>2</sup>)

Special Fire-fighting

Fire-fighters should wear self-contained positive pressure breathing apparatus

Procedures:

(SCBA) and full turnout gear

Protection of Fire-fighters

Be sure to use an approved/certified respirator or equivalent

## 6. Accidental Release Measures

Personal Precautions	Splash goggles. Protective overalls/suit. Vapour respirator. Boots. Gloves. If there is a significant airborne concentration then suitable breathing apparatus should be used to avoid inhalation of the product. Select appropriate protective clothing for the size of spillage
Environmental precautions and cleanup methods	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas

## 7. Handling and Storage

HANDLING:	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or label. Keep away from incompatibles such as oxidising agents
STORAGE:	Store in a segregated and approved area. Keep containers in a cool, well ventilated area. Keep containers tightly closed and sealed until ready for use. Avoid possible sources of ignition (spark or flame)

## 8. Exposure Control/Personal Protection

ENGINEERING MEASURES:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.
HYGIENE MEASURES:	Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking, using lavatory and the end of the day

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
1. Ethanol	EH40 (United Kingdom(UK)) OES: 1000ppm Period: 8 hours OES: 1900mg/m Period: 8 hours

<u>Personal Protective Equipment</u>	
Respiratory Equipment:	Vapour respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate
Skin and Body:	Overalls or lab coat
Hands:	Gloves
Eyes:	Safety glasses

## 9. Physical and Chemical Properties

Physical state:	Liquid/Gel	Evaporation rate	9.2 (Ethanol) compared to Butyl
Colour:	Clear, colourless	(butyl acetate = 1):	Acetate
Odour:	Alcohol-like	Solubility:	Easily soluble in cold water.
Odour threshold:	The highest known value is 180ppm (Ethanol)	pH:	Methanol, Acetone
Boiling point:	78°C (172.4°F)	Flash Point:	7 [Neutral]
Melting point:	-112°C(-169.6°F)	Fire hazards in	CLOSEDCUP;17.5°C(63.5°F)
Density:	0.82g/cm <sup>3</sup> at 20°C (68°F)	Presence of various	
Vapour density:	1.59 (Air=1)	Substances:	Highly flammable in presence open
Vapour pressure:	5.7kPa (43mmHg) (at 20°C)	Autoignition Temp:	flames, sparks and static discharge
Viscosity:	Dynamic: 1.2cP		365°C (689°F)

## 10. Stability and Reactivity

Stability:	The product is stable
Materials to avoid:	Reactive with oxidizing agents
Hazardous decomposition products:	These products are carbonoxides (CO,CO <sup>2</sup> )

## 11. Toxicological Information

<u>Local effects</u>	
Acute Toxicity:	LD50: Not available LC50: Not available

## 12. Ecological Information

Persistence/degradability: Biodegradability: Readily Biodegradable.  
Ecotoxicity: Practically non-toxic to aquatic organisms.

## 13. Disposal Considerations

Methods of disposal; waste of residues: Waste must be disposed of in accordance with federal, state and  
Contaminated packaging: local and environmental control regulations.

## 14. Transport Information

### International transport regulations

UN: UN number	1170	TREMCARD TEC(R)	893, 30G30
UN: Proper shipping name	Alcohol, denatured		
UN: Packing group	II	IMDG: Proper shipping name	Alcohol denatured
		IMDG: Packing group	II
ADR/RID Class	3		
ADR/RID Item number	33	IATA: Proper shipping name	Alcohol denatured
ADR/RID Hazard I.D. No.	3b	IATA: Packing group	II

## 15. Regulatory Information

### EU Regulations

Hazard Symbols:

Classification: Highly Flammable, Harmful  
Risk Phrases: R11-Highly Flammable  
R20/21/22/68 – Harmful: Possible risk of irreversible effects through inhalation and if swallowed

Safety Phrases: S1/2 - Keep locked up and out of reach of children  
S7 - Keep container tightly closed  
S16 - Keep away from sources of ignition – No smoking  
S45 - In case of accident or if you feel unwell, seek medical attention immediately (Show the label where possible)

Contains: METHANOL  
Product Use: Classification and labelling have been performed according to EU directives 67/548/EEC, including amendments and the intended use. Consumer applications.

### Other EU regulations

Child protection: Yes, applicable  
Restriction to Market Directive: Not applicable

## 16. Other Information

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