

# Instant Hand Sanitizer

## Alcohol Hand Rub

### GHS Safety Data Sheet

Issue Date: 1 April 2018

#### Section 1 – Identification

<b>Product identifier</b>	<b>MaxShield Instant Hand Sanitizer</b> Alcohol Hand Rub 500ml e
<b>Other identification</b>	Product code: CDR4952-500ML-A
<b>Recommended use</b>	Instant alcohol hand rub for sanitizing
<b>Supplier</b>	<b>DuPREX Singapore Private Limited</b> 5047 Ang Mo Kio Industrial Park 2, #01-607, Singapore 569550
<b>Telephone</b>	+65-64823300
<b>Email</b>	<a href="mailto:sales@duprex.com">sales@duprex.com</a>

#### Section 2 – Hazard identification

**GHS classification** Flammable Liquid Category 2  
Eye Irritation – Category 2

#### Label elements



**Signal word** **Danger**

**Hazard statement**  
H225: Highly flammable liquid  
H319: Cause serious eye irritation

**Precautionary statement**

**Prevention**  
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P264: Wash hand thoroughly after handling.

**Response**  
P305+P351+P3338: IF ON EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**Storage**  
P403+P235: Store in a well-ventilated area. Keep cool.

**Disposal**  
P501: Dispose of content/container in accordance to local regulation.

#### Section 3 – Composition/information on ingredients

Ingredients	Name	CAS number	% W/W
	Ethyl Alcohol	64-17-5	VH
	Chlorhexidine Gluconate	18472-51-0	VL
	Trehalose	99-20-7	VL
	Vitamin E	1406-18-4	VL
	Aloe Vera Extract	94349-62-9	VL
	Lavender Oil	8000-28-0	VL
	Water		to 100%

Percentage Legend: VL < 1%, L ≥ 1-10%, M ≥ 11-30% H ≥ 31-60% VH > 60%

**GHS Safety Data Sheet**

Issue Date: 1 April 2018

**Section 4 – First-aid measures**

<b>Eye contact</b>	Rinse slowly with water for at least 15 minutes. Get medical attention, if irritation persists.
<b>Skin</b>	No adverse effects expected, rinse off with water.
<b>Inhalation</b>	Move to fresh air and keep at rest to recover. If symptom persists, seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Drink water to dilute. Get medical treatment.

**Section 5 – Fire fighting Measures**

<b>Extinguishing media</b>	Use fire extinguishing media appropriate to surrounding environment
<b>Special hazard arising from substance / mixture</b>	This product is combustible. Fire may lead to form hazardous air mixtures
<b>Advice for Fire Fighter</b>	Wear full protective clothing and self-contained breathing apparatus

**Section 6 – Accidental release measures**

<b>Personal</b>	Use protective equipments as needed
<b>Environmental</b>	Prevent large amounts of spill from entering ground water system
<b>Procedures for clean-up</b>	Cover with absorbent material and remove to disposal container

**Section 7 – Handling and storage**

<b>Precautions for safe handling</b>	No special precautions necessary. Follow good handling practice.
<b>Conditions for safe storage</b>	Keep away from heat or flame. Store in cool, dry and well ventilated area at room temperature. Keep in tightly closed container.

**Section 8 – Exposure control/personal protection**

<b>Occupational exposure limit values</b>	Ethanol: Workplace Exposure Limit (WEL) Standard Time Weighted Average (TWA) : 1,000ppm – 8 hours
<b>Biological limit values</b>	No information available
<b>Engineering controls</b>	Adequate localise ventilation
<b>Respiratory protection</b>	No special protection is required
<b>Eye protection</b>	Not required under normal recommended use conditions
<b>Hand protection</b>	None required under normal use conditions
<b>Skin protection</b>	Not required under normal use conditions

**Section 9 – Physical and chemical properties**

<b>Appearance</b>	Clear
<b>Odour</b>	Pleasant scent
<b>Melting point</b>	Not determined
<b>Boiling point</b>	Not determined
<b>Flammability point</b>	> 23.5 °C < 60 °C
<b>Auto-Ignition temp.</b>	Not available
<b>Flammable limits-Lower</b>	Not determined
<b>Flammable limits-Upper</b>	Not determined
<b>Solubility in water</b>	Soluble
<b>Specific gravity</b>	0.87 ± 0.01g/cm <sup>3</sup>
<b>pH</b>	6.5 – 7.5
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Viscosity</b>	Not available

**GHS Safety Data Sheet**

Issue Date: 1 April 2018

**Section 10 – Stability and reactivity**

<b>Reactivity/incompatibility</b>	Oxidizers, acids and bases
<b>Chemicals stability</b>	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	No information available
<b>Conditions to avoid</b>	Extreme heat and open flame
<b>Hazardous decomposition Products</b>	Will not occur

**Section 11 – Toxicological information**

<b>Effect on humans</b>	No toxicity data available
<b>Inhalation</b>	Not considered as irritant through normal use conditions
<b>Ingestion</b>	May cause discomfort if swallowed
<b>Skin</b>	Not considered as hazardous on skin
<b>Eye contact</b>	Not expected under normal use conditions
<b>Respiratory sensitization</b>	Not expected to be a respiratory sensitizer
<b>Skin sensitization</b>	Not regarded as a skin sensitizer
<b>Germ cell mutagenicity</b>	Not regarded as a mutagenic hazard
<b>Carcinogenicity</b>	Not regarded as a carcinogenic hazard
<b>STOT-single exposure</b>	No toxicity data available
<b>STOT-repeated exposure</b>	No toxicity data available
<b>Aspiration hazard</b>	Not expected to be a hazard

**Section 12 – Ecological information**

The information given is based on data available on the components and similar products.

<b>Ecotoxicity</b>	Not regarded as harmful for the environment
<b>Persistence and degradability</b>	Expected to be readily biodegradable
<b>Bio accumulative potential</b>	Does not expect to be bio-accumulating
<b>Mobility in soil</b>	Not available
<b>Other adverse effects</b>	Not determined

**Section 13 – Disposal considerations**

Dispose in accordance with local regulations.

No specific disposal method is required. If practical, recover and recycle or reclaim.

**Section 14 – Transportation information**

<b>UN number</b>	1170
<b>UN proper shipping name</b>	Ethanol solution
<b>Transport hazard class</b>	3
<b>Packing group</b>	III
<b>Marine pollutant</b>	No
<b>Transport in bulk</b>	Not applicable
<b>Special precautions for user</b>	Not applicable



# Instant Hand Sanitizer Alcohol Hand Rub



## GHS Safety Data Sheet

Issue Date: 1 April 2018

### Section 15 – Regulatory information

#### Related Regulations

Classification is according to the Specification for Hazardous Communication for Chemicals and Dangerous Goods – Singapore Standard SS586 : 2008 -Globally Harmonised System of Classification and Labelling of Chemicals – Singapore's adaptation.

MOM - The Workplace Safety and Health Act, the Workplace Safety and Health (General Provisions) Regulations.

NEA – Environmental Protection and Management Act, Regulations.

MPA – Dangerous Goods, Petroleum and Explosives Regulations.

SCDF – The Fire Safety Act and the Fire Safety Regulations.

Fragrances<sup>1</sup> & Colorants<sup>2</sup> Adoption

<sup>1</sup> Compliance to International Fragrance Association (IFRA), Geneva, Switzerland. - Regulatory Body For Usages Standards and Safety of fragrance.

<sup>2</sup> Approved by Food & Drug Administration (FDA), USA. – Governing Body for Food, Drug & Cosmetic Colours.

### Section 16 – Other information

**Revision date** 01/04/2018

**Revision** 5

**Supersede date** 01/01/2018

**Disclaimer:** The information contained in the Safety Data Sheets is current and based on the state of our knowledge. However, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine the safe conditions of use.

