



## MATERIAL SAFETY DATA SHEET

### Alcohol Hand Gel

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer Company:** MPM CONSUMER PRODUCTS LTD

**1.1 Manufacturer Address:** 33 Croft Street, Clayton, Manchester, M11 4RQ

**1.2 Manufacturer Emergency Phone Number:** 07909 220122

**1.3 Manufacturer Phone Number:** 0161 231 6111

**1.4 Manufacturer Facsimile:** 0161 233 7100

**1.5 Product Identifier:** Alcohol Hand Gel.

**1.6 Recommended use:** For the rapid disinfection of hands. Specially formulated to kill harmful bacteria. Effective for at least 6 hours.

**NOTE:** Emergency number is only available during the following office hours: **0900 to 1700 Monday to Thursday; 0900 to 1200 Friday. UK TIMES**

#### 2. HAZARD IDENTIFICATION

**2.1 Classification of the substance or mixture:**

**2.2.1 Physical Hazards:** Flam. Liq.2 – H225

**2.2.2 Health Hazards:** Eye irrit.2 – H319

**2.2.3 Environmental Hazards:** Not classified



**2.2.4 Human Health:** Irritating to eyes

**2.2.5 Environmental:** The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC.

**2.2.6 Physicochemical:** The product is flammable. Heating may generate flammable vapours

**2.2 Additional Information:** For full text of R-phrases and Hazard and EU hazard statements. See SECTION 16.

**2.3 Label Elements:** Labelling according to Regulation (EC) No. 1272/2008 (CLP)

<b>Pictograms</b>			
<b>Signal Word</b>	<b>Danger</b>	<b>FLAMMABLE</b>	
<b>Hazard Statements</b>	H225	Highly flammable liquid and vapour.	
	H319	Causes serious eye irritation.	
<b>Precautionary Statements</b>	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.	

	P305 +P351+P338	IF IN 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.
	P370+P378	In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
	P403+P235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with local/regional/national regulation.
<b>Supplementary precautionary statements</b>	P233	Keep container tightly closed.

**3.4 Other Hazards:** This mixture does not contain any substances that are assessed to be PBT or vPvB.

### 3. INFORMATION ON INGREDIENTS

**Description of the mixture:**

A mixture of cationic surfactants, non-ionic surfactant & chelating agents in water

**Composition comments:** The data shown are in accordance with the latest EC Directives.

**INCI**

- Alcohol Denat.**
- Aqua**
- Acrylates Alkyl Crosspolymer**
- Glycerin**
- Propylene Glycol**
- Triclosan**
- Triethanolamine**

### 4. FIRST AID MEASURES

**4.1 Description of necessary first aid measures**

**4.1.1 Inhalation:** Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**4.1.2 Skin Contact:** Wash contaminated skin with water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any

complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**4.1.3 Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**4.1.4 Ingestion:** Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen clothing such as a collar, tie, belt or waistband.

**4.2 Indication of immediate medical attention and special treatment needed, if necessary:**

**4.2.1 Note to Physicians:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Show this Safety Data Sheet to the doctor in attendance.

**4.2.2 Protection of First Aid Personnel:** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## **5. FIRE FIGHTING MEASURES**

### **5.1 Extinguishing Media:**

**5.1.1 Suitable extinguishing media:** Use water spray, fog /mist or foam. Carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Use an extinguishing agent suitable for the surrounding fire.

**5.1.2 Unsuitable extinguishing media:** No further relevant information available.

### **5.2 Specific hazards arising from the mixture:**

**5.2.1 Hazardous Thermal Decomposition Products:** Highly flammable liquid and vapour. May form explosive mixtures with air at very high concentration.

**5.2.2 Hazardous Combustion Products:** Protection against nuisance dust must be used when the airborne concentration exceeds 10mg/m<sup>3</sup>. Oxides of carbon.

### **5.3 Special protective equipment and precautions for fire fighters:**

**5.3.1 Special protective equipment:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**5.3.2 Special protective precautions:** Cool containers exposed to flames with water until well after the fire is out.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures:**

Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8). **Avoid breathing vapour or mist.**

## **6.2 Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Contain spillage with sand, earth or other suitable non-combustible material.

## **6.3 Methods and materials for containment and cleaning up:**

### **Small spill : Method of cleaning up**

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### **Large spill :**

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations . Contaminated absorbent material may pose the same hazard as the spilled product.

## **6.4 Reference to other sections:**

- See Section 1 for emergency contact information.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling:**

#### **7.1.1 Handling:**

- Keep away from heat, sparks and open flame.
- Avoid contact with eyes.

### **7.2 Conditions for safe storage, including any incompatibilities:**

Storage precautions:

- Store in a tightly closed original container in a dry, cool and well-ventilated place.
- Keep away from heat, sparks and open flame.

Storage Class:

- Flammable liquid storage.

**7.3 Specific end use(s):** The identified uses for this product are detailed in **Section 1.1.**

## **8. EXPOSURE CONTROL/PPE**

**Additional information about design of technical facilities: No further data - see Item 7.**

### **8.1 Control Parameters:**

**8.1.1** United Kingdom (UK) Workplace Exposure Limits.

**8.1.2** Ingredients Comments: None

**8.1.3** Derived No-Effect Levels' (DNEL's) and Predicted No-Effect Concentrations' (PNEC's)

**8.1.4** DNELs: No information available

**8.1.5** PNECs: No information available

### **8.2 Exposure Controls:**

**DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes**

contaminated.

**8.3.1 Eye/Face Protection:** Avoid contact with eyes.

**8.3.2 Skin/Hand Protection:** N/A

**8.3.3 Respiratory Protection:** N/A

**8.3.4 Appropriate Engineering Controls:** N/A

**Eye/Face Protection:** Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product not getting into eyes.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Appearance (physical state, colour, etc):** Clear viscous liquid. Colourless

**9.2 Odour:** Characteristic.

**9.3 Odour threshold:** No information found.

**9.4 pH:** 6.5-7.0.

**9.5 Melting point/freezing point:** N/A

**9.6 Initial boiling point and boiling range:** Approximately 100°C.

**9.7 Flash point:** 19°C.

**9.8 Evaporation rate:** No information found.

**9.9 Flammability (solid, gas):** Flammable.

**9.10 Upper/lower flammability or explosive limits:** No information found.

**9.11 Vapour pressure:** No information found.

**9.12 Vapour density:** No information found.

**9.13 Relative density:** 0.87-0.89.

**9.14 Solubility (ies):** Highly soluble and miscible in water.

**9.15 Partition coefficient - n-octanol/water:** No information found.

**9.16 Auto-ignition temperature:** No information found.

**9.17 Decomposition temperature:** No information found.

**9.18 Viscosity:** at 20°C, 30,000-35,000 cps.

**9.19 Oxidising Properties:** No information found.

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** There are no known reactivity hazards associated with this product.

**10.2 Chemical Stability:** Stable under recommended storage conditions.

**10.3 Possibility of Hazardous Reactions:** No information found.

**10.4 Conditions to Avoid:** Avoid heat, flames and other sources of ignition.

**10.5 Incompatible Materials:** No specific materials known.

**10.6 Hazardous Decomposition Products:** Protection against nuisance dust must be used when the airborne concentration exceeds 10mg/m<sup>3</sup>. Oxides of carbon.

## 11. TOXOLOGICAL INFORMATION

Protection against nuisance dust must be used when the airborne concentration exceeds 10mg/m<sup>3</sup>. Oxides of carbon.

## **11.1 Acute Toxicity:**

**11.1.1 Oral:** Based on the available data on component substances, the classification criteria for acute oral toxicity are not met.

**11.1.2 Dermal:** Based on the available data on component substances, the classification criteria for acute dermal toxicity are not met.

**11.1.3 Inhalation:** Based on the available data on component substances, the classification criteria for acute dermal toxicity are not met.

**11.1.4 Other Routes:** No information found.

**11.2 Skin corrosion/irritation:** Based on the available data on component substances, the classification criteria for skin corrosion or irritation are not met.

**11.3 Serious eye damage/irritation:** Highly irritating. QECD 438.

**11.4 Respiratory or skin sensitization:** Based on the available data on component substances, the classification criteria for acute inhalation toxicity are not met.

**11.5 Germ cell mutagenicity:** Based on the available data on component substances, the classification criteria for germ cell mutagenicity are not met.

**11.6 Carcinogenicity:** Based on the available data on component substances, the classification criteria for carcinogenicity are not met.

**11.7 Reproductive toxicity:** Based on the available data on component substances, the classification criteria for reproductive toxicity are not met.

**11.8 STOT-single exposure:** Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of single exposure are not met.

**11.9 STOT-repeated exposure:** Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of repeated exposure are not met.

**11.10 Aspiration hazard:** Based on the available data on component substances, the classification criteria for aspiration hazard are not met.

### **11.11 Other information**

No applicable toxicity data. No known significant effects or critical hazards.

**Inhalation** : No specific health hazards known

**Ingestion** : May cause nausea, headache, dizziness and intoxication.

**Skin contact** : Skin irritation should not occur when used as recommended.

**Eye contact** : Irritating to eyes, Symptoms following overexposures may include the following: Redness. Pain.

## **12. ECOLOGICAL INFORMATION**

**12.1 Toxicity - Acute/Chronic Toxicity:** The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC.

**12.2 Persistence and degradability:** The surfactant(s) contained in this product comply with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

**12.3 Bioaccumulation:** No further relevant information available.

**12.4 Mobility in Soil:** Product is soluble in water.

**12.5 Results of PBT and vPvB assessment:** The mixture does not contain any substances that are assessed to be PBT or vPvB.

**12.6 Other adverse effects:** Not available

### **13. DISPOSAL CONSIDERATIONS**

#### **13.1 Waste treatment methods recommendation:**

**Methods of Disposal:** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous Waste:** The classification of the product may meet the criteria for a hazardous waste.

### **14. TRANSPORT INFORMATION**

**14.1 UN Number (ADR, IMDG, RID):** 1987.

**14.2 UN proper shipping name (ADR/RID, IMDG, AND, ICAO):** ALCOHOLS, N.O.S. (ETHANOL).

**14.3 Transport hazard class (ADR/RID, IMDG, ICAO):** 3.

**14.4 Packing group (ADR/RID, IMDG, ICAO):** II

**14.5 Environmental Hazards:** No information found.

**14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**14.7 Special precautions for user:**

EmS: F-E, S-D

Emergency action code: 3YE

Hazard identification number (ADR/RID): 33

**Tunnel restriction code:** (D/E)

### **15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulations**

**15.1.1 CLP** – Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

**15.1.2 REACH Status:** The substance(s) in this product has (have) been pre-registered, registered or are exempt according to Regulation (EC) No.1907/2006 (REACH) (as amended).

**15.1.3 Regulation (EU) No. 528/2012** (as amended) concerning the making of available on the market and the of biocidal products.

**15.1.4 Commission Directive 91/322/EEC** of 29<sup>th</sup> May 1991 on establishing indicative limit values by implementing

Council Directive 80/1107/EEC on protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

**15.1.5 Commission Directive 2000/39/EC** of 8<sup>th</sup> June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

**15.2 SEVESO II Directive 96/82/EC (as amended).**

**15.3 Detergent Regulation [Regulation (EC) No 648/2004]**

Product ingredients include:-

**UK Regulations**

COSHH – Control of Substances Hazardous to Health Regulations 2002 (as amended).

COMAH – Control of Major Accidents Hazards Regulations 1999 (as amended).

CHIP – The Chemical (Hazard Information and Packaging for Supply) Regulations 2009

**15.4 Chemical Safety Assessment:** No chemical assessment has been carried out.

## **16. OTHER INFORMATION**

**16.1 General information:** Use biocides safely. Always read the label and product information before use. Only trained personnel should use this material.

**16.2 Key literature references and sources for data:** Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

**16.3 Revision comments:** SDS amended in line with Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended)

**Revision Date:** 12<sup>th</sup> July 2018

**Revision:** 3

**Risk phrases in full:** R11 Highly flammable.  
R41 Risk of serious damage to eyes.  
R67 Vapours may cause drowsiness and dizziness.

**Hazards statements in full:** H225 Highly flammable liquid and vapour.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness of dizziness.

**Notes for Risk Phrases and Hazard Statements in Full:** The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

*Safety Data Sheet complied according to Regulation (EC) No. 1907 (as Amended).*



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