

1. Identification of the Substance / Mixture and of the Company / Undertaking

1.1 Product Identifier	Hypaclean Hand & Surface Cleaner Code: M6428
1.2 SDS reference	0004
1.3 Relevant Use(s)/misuse(s)	Surface cleaner and disinfectant Suitable for food use tested to EN1276 EN1275. Food safe & non-tainting. Meets EHO & FSA standards.
1.4 SDS Supplier	Safety First Aid Group Limited Avenue One Letchworth Garden City Hertfordshire. SG6 2WW.
1.5 Contact	quality@sfag.co.uk
1.6 Emergency Telephone	+44(0)0208 202 7447 (office hours)

2. Hazards Identification

2.1 CLASSIFICATION OF THE MIXTURE	
2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)	
Not classified	
2.1.2 Additional information	
See section 16 for full text of H statements.	
2.2 LABELLING ELEMENTS	
2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)	
Pictogram(s):	NONE Signal word
	NONE
Hazard statement(s)	NONE
Precautionary statement(s)	NONE
2.3 OTHER HAZARDS	NONE

3. Composition / Information on Ingredients

Chemical Characterisation	AQUEOUS MIXTURE OF ORGANIC SUBSTANCES			
Substances				
Chemical name	CAS-No	EINECS/ELINCS	Classification	Concentration
CITRIC ACID MONOHYDRATE (1,2,3-PROPANETRICARBOXYLIC ACID)	5949-29-1	NOT ASSIGNED	Eye Irrit.2 H319	< 1.0%

4. First Aid Measures

4.1 Description of measures	
Inhalation	Not a normal route of exposure.
Skin contact	Clean areas affected with soap and plenty of water. If necessary, seek medical advice
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, seek medical advice.
4.2 Most important effects/symptoms	None known.
4.3 Immediate/special treatment	Treatment as described above.

5. Fire Fighting Measures

5.1 Extinguishing media	To suit local surroundings (e.g., water spray, carbon dioxide, foam or chemical powder) Do not use strong water jets
5.2 Special hazards	None known.
5.3 Advice for fire fighters	Wear self-contained breathing

6. Accidental Release Measures

6.1 Personal precautions	Use suitable protective equipment (see section 8)
6.2 Environmental precautions	Do not allow to get into wastewater or waterways in large quantities; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g., sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

7. Handling and Storage

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice.
7.2 Conditions for safe storage	Keep containers closed, cool, dry and away from heat
7.3. Specific end use(s)	Surface cleaner and disinfectant

8. Exposure Controls / Personal protection

8.1 Controls parameters	No OEL data are available. Comply with good practice.
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g., local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	If necessary, impervious gloves (but consider your own risk assessment, e.g., breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator – not normally required.
Other protection	Protective overalls

9. Physical and Chemical Properties

9.1 Basic physical and chemical properties	
Physical form	Liquid
Colour	Clear to Straw coloured
Odour	Characteristic
Odour threshold	Not determined
pH	6.5-7.0
Boiling pt / range	Approx. 100 °C
Melting pt / range	Approx. 0 °C
Flash point	Not applicable °C
Flammability	Not applicable
Thermal decomposition	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	1.01-1.025
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Miscible
Explosive properties	Not determined

Oxidising properties	Not determined
Partition coeff. Log_{Oct/water}	Not determined
9.2 Other information	None known.

10. Stability and Reactivity

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	None known.
10.6 Hazardous decomposition products	Oxides of carbon

11. Toxicological Information

11.1 information on toxicological effects			
Acute toxicity	LD50 rat (oral)	mg/kg	No data available
Dermal compatibility			No data available
Mucous membrane compatibility			No data available

12. Ecological Information

12.1 Toxicity	LC50	Aquatic organisms	mg/l	No data available
12.2 Degradability				Not determined.
12.3 Bioaccumulative potential				Not determined
12.4 Mobility in soil				Not determined
12.5 PBT/vPvB assessment				Not determined
12.6 Other adverse effects				None known.

13. Disposal Considerations

13.1 Waste treatment measures	
Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g., designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product: if possible, wash out thoroughly and recycle.

14. Transport Information

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should NOT be marked as a marine pollutant.
14.6 Special procedures (ADR, IMDG, IATA)	Not applicable
14.7 Transport in bulk (ADR, IMDG, IATA)	Not applicable

15. Regulatory Information

15.1 Safety, health and environmental regulations	The product is classified in accordance EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

16. Other Information

16.1 Further information	Hazard statements referred to in sections 2/3 H319: Causes serious eye irritation.
16.2 Sources of data	Other suppliers' safety data sheets
<p>The information contained in this data sheet is to the best of our knowledge and belief accurate and is based upon our supplier's technical knowledge of the product at the date of issue. However, no warranty or representation, expressed or implied, is made as to its accuracy, reliability or completeness of the foregoing data and safety information.</p> <p>This data sheet and the health, safety and environmental information it contains are considered to be accurate as of the date specified above. We have reviewed any information contained herein which we received from sources outside Safety First Aid Group. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.</p> <p>Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this material safety sheet and to comply with all applicable laws and regulations.</p>	

1. Identification of the Substance / Mixture and of the Company / Undertaking

Product name: Hypaclean Absorbent Powder
Product code(s): M6796, M6798 & M6798PK25
SDS reference: 0011
Supplier's name and address:
Name: Safety First Aid Group Ltd
Address: Avenue One
 Letchworth Garden City
 Hertfordshire
 SG6 2WW
Contact phone: 44(0)208 202 7447
Contact email: quality@sfag.co.uk

2. Hazards Identification

White granular powder, odourless.
 No particular hazards known.
 (Substance not considered hazardous, however, not all aspects of this substance have been thoroughly investigated).

3. Composition / Information on Ingredients

Ingredient Name	CAS number	Content (wt%)
Sodium Polyacrylate, cross-linked	9033-79-8	95 min.
Water	7732-18-5	5 max.

4. First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid
 Inhalation: Remove to fresh air at once, if breathing has stopped give artificial respiration immediately.
 Eye contact: Immediately flush with fresh water for 15 minutes.
 Skin contact: Wash continuously with fresh water for 15 minutes.

Ingestions: Give large quantities of water. Call a physician or poison control at once.

5. Fire Fighting Measures

Non-flammable solid	
Flash point	Not Applicable
Autoignition temperature	Not Applicable
Lower explosive limit	Not Applicable
Upper explosive limit	Not Applicable
Spontaneous combustion point	Not Applicable
Extinguishing media	Carbon dioxide, dry chemical, foam, in reference to a water spray.
Special fire fighting procedures	Water may create a slip hazard with product. Use self-contained breathing apparatus and full protective equipment.

6. Accidental Release Measures

Environmental precautions: Prevent from spilling into waterways, sewers.
Personal precautions: Restrict unprotected personnel from area. Sweep up or vacuum in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Section 8 and 13 for further information.

7. Handling and Storage

Handle bags in a manner that should ensure minimal generation of dusts. Do not breathe dust, which may be generated accidentally. Follow safe work procedures and wear the appropriate personal protective equipment specified in Section 8. The workers must be instructed and trained in the safe work procedures.
Do not rely on sight to determine if dust is in the air. If dust cannot be kept below permissible limits, wear a high efficiency respirator with a N95 rating or better.
Store in a dry environment away from incompatible material such as Hydrofluoric acid(HF)

8. Exposure Controls / Personal protection

Engineering controls such as an enclosure or local exhaust ventilation with dust collection must be used to maintain airborne contaminations levels below the exposure limits, where practicable.

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Appropriate respiratory protection is necessary if an application causes dusting.

9. Physical and Chemical Properties

Physical state	White odourless powder	Vapor pressure	Not applicable
Solubility	Insoluble, however swells in water.	Vapor density	Not applicable
Formula	(C ₃ H ₄ O ₂ .C ₃ H ₃ O ₂ .Na) _x	Bulk density	0.60-0.70
Odor	None	Viscosity	Not applicable
pH	5.6-6.7	Explosiveness	Not applicable
Boiling point	Not applicable	Oxidation	Not applicable
Melting point	Not applicable	Coefficient of water/oil	Not applicable
Freezing point	Not applicable	Evaporation rate	Not applicable

10. Stability and Reactivity

Stable under normal temperature and pressure.
Avoid contact with strong oxidizing agents.
Polymerization to be not occur.
Shelf life to be Good if kept dry.

11. Toxicological Information

Acute effects: Irritating dust
Chronic effects: N.A
Cytotoxicity: Non-toxic
Target organs: N.A
ORL-RAT LD50:>5 gm/kg
IHL-RAT LC50: N.A
SKN-RBT LD50:>2 gm/kg
Sensitization: N.A
N.A = not available. Not all health aspects of this substance have been fully investigated.

12. Ecological Information

No data available (Environmental Impact Rating/Acute Aquatic Toxicity/Degradability)
This substance is chemically inert in the environment, therefore no environmental impact for uncontaminated products is expected. In the environment this substance had no soil mobility, aquatic mobility. No bioaccumulation will occur.

13. Disposal Considerations

This material may be disposed of at a landfill, if uncontaminated. For contaminated absorbent, consult with all applicable regulations for the contaminant prior to disposal. Store material for disposal as indicated in Storage Conditions.

14. Transport Information

Shipping Name: Not regulated.
Hazard Class: Not Applicable
UN Number: Not Applicable
No Classification currently assigned (IATA/IMO/DOT)

15. Regulatory Information

TSCA (Toxic Substance Control Act): Listed
CEPA, Domestic Substances List: Listed
Others: No

16. Other Information

Sources of data Other suppliers' safety data sheets

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. Recipients of our products must take on responsibility for observing existing laws and regulations.