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

Prepared according to American OSHA HCS-2012 (29 CFR 1910.1200)

2. Hazards Identification

| Hazard classification according to 29 CFR 1910.1200

According to OSHA HCS-2012, not classified as a hazardous chemical.

| Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

| Hazard statements

Hazard statements	Not applicable

| Precautionary statements

Prevention

Prevention	Not applicable

Response

Response	Not applicable

Storage

Storage	Not applicable

Disposal

Disposal Not applicable

| Other hazards

Not applicable.

| Hazard description

Physical and chemical hazards

No information available

Health hazards

Inhaled	Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	Entry into the blood-stream, though, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.
Eye	This product may cause temporary discomfort following direct contact with the eye.

Environmental hazards

Please refer to 12th chapter of SDS.

3. Composition / Information on Ingredients

| Substance/mixture

Mixture

Component	CAS No.	EC No.	Concentration (wt, %)
Water	7732-18-5	231-791-2	<= 7
Acrylic Acid-Sodium Acrylate Copolymer	9033-79-8	-	>= 93

4. First Aid Measures

| Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of soap and water for at least 15 minutes and consult a physician if feel uncomfortable.

Ingestion	Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

| Indication of any immediate medical attention and special treatment needed

1 Treat symptomatically.
2 Symptoms may be delayed.

5. Fire Fighting Measures

| Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	May expansion or decompose explosively when heated or involved in fire.

| Special protective equipment and precautions for fire-fighters

1	As in any fire, wear self-contained breathing apparatus （MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental Release Measures

| Personal precautions, protective equipment and emergency procedures

1 Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3 Use personal protective equipment, do not breathe dust/fume.

| Environmental precautions

1 Prevent further leakage or spillage if safe to do so.
2 Discharge into the environment must be avoided.

| Methods and materials for containment and cleaning up

1 Cut off the source of the leak as much as possible.
2 Keep leaks in a ventilated place.

3 Isolation of contaminated areas and restrictions on access.
4 It is recommended that emergency personnel wear dust masks.
5 Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak.
6 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and Storage

| Precautions for safe handling

1 Handling is performed in a well-ventilated place.
2 Wear suitable protective equipment.
3 Avoid contact with skin and eyes.
4 Keep away from heat/sparks/open flames/ hot surfaces.

| Conditions for safe storage, including any incompatibilities

1 Keep containers tightly closed.
2 Keep containers in a dry, cool and well-ventilated place.
3 Keep away from heat/sparks/open flames/hot surfaces.
4 Store away from incompatible materials and foodstuff containers.

8. Exposure Controls / Personal protection

| Control parameters

Occupational Exposure limit values — No relevant regulations

| Engineering controls

1 Ensure adequate ventilation, especially in confined areas.
2 Ensure that eyewash stations and safety showers are close to the workstation location.
3 Use explosion-proof electrical/ventilating/lighting/equipment.
4 Set up emergency exit and necessary risk-elimination area.

| Personal protection equipment

General requirement



Eye protection — In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.

Hand protection — In general situation, hand protection is not needed.

Respiratory protection — In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.

Skin and body protection — In general situation, skin and body protection are not needed.

9. Physical and Chemical Properties

| Physical and chemical properties

Appearance (physical state, colour, etc.)	Solid (White granular crystal)
Odor	Slight Odor
Odor threshold	No information available
pH	Not applicable
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point (Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit：No information available；Lower limit：No information available
Vapor pressure	Not applicable
Vapor density (Air = 1)	Not applicable
Relative density (Water=1)	No information available
Solubility	Insoluble in water and swollen when exposed to water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity	Not applicable

10. Stability and Reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	The substance contains a certain amount of water, and may release hydrogen gas in contact with active metals.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

| Acute toxicity

Acute toxicity No information available

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP	OSHA Carcinogen List
Water	Not Listed	Not Listed	Not Listed
Acrylic Acid-Sodium Acrylate Copolymer	Not Listed	Not Listed	Not Listed

| Others

Solidifier

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12. Ecological Information

| Acute aquatic toxicity

Acute aquatic toxicity	No information available

| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available

| Persistence and degradability

Persistence and degradability	No information available

| Bioaccumulative potential

Bioaccumulative potential	No information available

| Mobility in soil

Mobility in soil	No information available

| Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Water	Insufficient information, temporarily unable to evaluate
Acrylic Acid-Sodium Acrylate Copolymer	Insufficient information, temporarily unable to evaluate

13. Disposal Considerations

| Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14. Transport Information

| Label and Mark

Transporting Label	Not applicable

| US DOT (49CFR)

49CFR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15. Regulatory Information

| International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
Water	√	√	√	√	√	√	√	√	√
Acrylic Acid-Sodium Acrylate Copolymer	×	√	√	√	√	√	√	√	√

[EC inventory] European Inventory of Existing Commercial Chemical Substances
[TSCA]United States Toxic Substances Control Act Inventory
[DSL]Canadian Domestic Substances List
[IECSC]China Inventory of Existing Chemical Substances
[NZIoC]New Zealand Inventory of Chemicals
[PICCS]Philippines Inventory of Chemicals and Chemical Substances
[KECI]Korea Existing Chemicals Inventory
[AIIC]Australian. Inventory of Industrial Chemical (AIIC)
[ENCS]Japan Inventory of Existing & New Chemical Substances

US chemical inventory

Component	A	B	C	D	E	F	G	H
Water	x	x	x	x	x	x	x	x
Acrylic Acid-Sodium Acrylate Copolymer	x	x	x	x	x	x	x	x

[A] US Clean Air Act (CAA)- Section 112, Hazardous Air Pollutants
[B] US SARA 302- Extremely Hazardous Substance List
[C] US CERCLA- Hazardous Substances List
[D] US Massachusetts Right-to-Know Substance List
[E] US New Jersey Right to Know Hazardous Substance List
[F] US Pennsylvania Right to Know Hazardous Substance List
[G] US New York City Right-to-Know Hazardous Substance List
[H] US California Proposition 65 List
Note:
"√"
Indicates that the substance included in the regulations.
"x"
No data or not included in the regulations.

16. Other Information

Reference

1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home。
[2] IARC, website: http://www.iarc.fr/。
[3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/。
[4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple。
[5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp。
[6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/。
[7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg。
[8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/。

Abbreviations and acronyms

CAS Chemical Abstracts Service
UN The United Nations
PC-STEL Short term exposure limit
OECD Organization for Economic Co-operation and Development
PC-TWA Time Weighted Average
IMDG-CODE International Maritime Dangerous Goods CODE
MAC Maximum Allowable Concentration
IARC International Agency for Research on Cancer
DNEL Derived No Effect Level
ICAO International Civil Aviation Organization
PNEC Predicted No Effect Concentration

IATA International Air Transportation Association
NOEC No Observed Effect Concentration
ACGIH American Conference of Governmental Industrial Hygienists
LC50 Lethal Concentration 50%
NFPA National Fire Protection Association
LD50 Lethal Dose 50%
NTP National Toxicology Program
EC50 Effective Concentration 50%
PBT Persistent, Bioaccumulative, Toxic
ECX Effective Concentration X%
vPvB very Persistent, very Bioaccumulative
POW Partition coefficient Octanol: Water
CMR Carcinogens, mutagens or substances toxic to reproduction
BCF Bioconcentration factor
RPE Respiratory Protective Equipment
ED Endocrine disruptor

HCS Hazard Communication Standard

Sources of data Other suppliers' safety data sheets

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.
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.
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 safely sheet and to comply with all applicable laws and regulations.