

SAFETY DATA SHEETS

This SDS packet was issued with item:

078456549

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078582571



SAFETY DATA SHEET

Quality Pharmaceutical Healthcare Products

1. IDENTIFICATION

Product identifier: Actidose® Aqua

Synonyms: 3Z8

Manufacturer Name: Perrigo Company
Address: 515 Eastern Avenue
Allegan, MI 49010 USA

Telephone number: 269-673-8451

Emergency phone number: 888-464-2986

Recommended use: Activated Charcoal Suspension

Restrictions on use: None known.

Date of Preparation: September 19, 2014

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not hazardous	Not hazardous

Label Elements

Not hazardous in accordance with the GHS and OSHA Hazcom 2012.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Activated Charcoal	7440-44-0	Proprietary
Sucrose	57-50-1	Proprietary
Glycerin	56-81-5	Proprietary
Propylene Glycol	57-55-6	Proprietary
Citric Acid	77-92-9	Proprietary
Water, purified	7732-18-5	Proprietary

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If irritation occurs, get medical attention.

Skin contact: First aid is not generally required for skin contact. Wash skin with soap and water. If irritation develops, get medical attention. Launder clothing before reuse.

Eye contact: Immediately flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.

Ingestion: No adverse effects are expected. No first aid required.

Most important symptoms/effects, acute and delayed: May cause mild eye irritation. Ingestion may cause severe diarrhea. Aspiration into the lungs during swallowing or vomiting may cause lung damage.

Indication of immediate medical attention and special treatment, if necessary: None required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use water spray, carbon dioxide, dry chemical or foam to extinguish a fire.

Specific hazards arising from the chemical: This product is not a fire hazard but may burn under fire conditions after the water has evaporated

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment as described in Section 8. Caution – spilled liquid may present a slip hazard.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Collect liquid with an inert absorbent and place in appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: None required.

Conditions for safe storage, including any incompatibilities: Store as indicated on product packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Activated Charcoal	None Established
Sucrose	10 mg/m ³ TWA ACGIH TLV 5 mg/m ³ (respirable particulate) TWA OSHA PEL 15 mg/m ³ (total particulate) TWA OSHA PEL
Glycerin	5 mg/m ³ (respirable particulate) TWA OSHA PEL 15 mg/m ³ (total particulate) TWA OSHA PEL
Propylene Glycol	10 mg/m ³ TWA AIHA WEEL
Citric Acid	None Established

Appropriate engineering controls: No special requirements. Use with adequate general or local exhaust ventilation to keep exposures below minimize exposure levels.

Individual protection measures:

Respiratory protection: None needed under normal use conditions.

Skin protection: None required for normal use.
Eye protection: None required for normal use.
Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Black, smooth, viscous suspension
Odor: Odorless

Odor threshold: Not available	pH: 4.5-5.5
Melting point/freezing point: Not available	Boiling Point: 95-98°C
Flash point: None	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	VOC: Not available
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not available	Vapor density: Not available
Relative density: >1	Solubility(ies): Dispersible in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: 24000 cP

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.
Chemical stability: Stable.
Possibility of hazardous reactions: None known.
Conditions to avoid: None known.
Incompatible materials: Avoid oxidizing agents.
Hazardous decomposition products: Thermal decomposition may yield carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:
Inhalation: Inhalation of mists may cause minor irritation of the mucous membranes and upper respiratory tract.
Ingestion: Swallowing may cause severe diarrhea. Aspiration into the lungs during swallowing or vomiting may cause lung damage.
Skin contact: Contact may cause slight irritation.
Eye contact: Contact may cause slight irritation with redness and tearing.
Chronic Effects: No adverse effects are expected.
Sensitization: Components are not known to be sensitizers.
Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.
Reproductive Toxicity: None of the components have been shown to cause reproductive effects.
Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values: Not acutely toxic based on a review of the components.
 Charcoal: LD50 oral rat >10 g/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity values: No toxicity to aquatic organisms is expected.
Persistence and degradability: No data is available
Bioaccumulative potential: No data is available
Mobility in soil: No data is available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

EPA TSCA Inventory: This product is an FDA product and not subject to TSCA.

CANADA:

Canadian CEPA: This product is a drug excipient and not subject to CEPA regulations.

Canadian WHMIS Classification: Not a controlled product

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Instability = 0
HMIS Rating: Health = 0 Flammability = 0 Physical Hazard = 0

SDS Revision History: Convert to OSHA Hazcom 2012 format and content

Date of preparation: September 19, 2014

Date of last revision: January 27, 1999

Disclaimer: This SDS has been prepared for occupational exposure. Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).