SDS: Albuterol Sulfate Syrup, 2 mg/5 mL
SAFETY DATA SHEET

1.	**Identification**	
	Product	Albuterol Sulfate Syrup, 2 mg/5 mL
	Company	Quagen Pharma, 34 Fairfield Place, West Caldwell, New Jersey 07006 (Location-B)
	Contact Telephone	973-228-9600
	E. mail	Info@quagenpharma.com
	Number/ Poison control	1-800-222-1222
2.	**Hazards Identification**	
	Physical Hazards	Combustible Liquid (Category 4)
	Health Hazards	Not Classified
	Signal Word	Warning
	Hazardous Statement	Combustible Liquid
	Precautionary Statements	• Keep away from flames and hot surfaces. No smoking. • Wear protective gloves/eye protection/ face protection. • In case of fire: Use water, carbon dioxide, dry chemical or foam as necessary to extinguish. • Store in a well-ventilated place. Keep cool. • Dispose of contents/container in accordance with local/regional/national/ international regulations.
	Emergency Overview	This mixture is a drug product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.
	Potential Health Effects	Not expected with the occupational handling of this product
3.	**Composition and Ingredients**	
		Active Ingredient: per 2 mg/5 mL Albuterol Sulfate (2.4 mg) **Inactive Ingredients:** Hypromellose, USP, Sodium Benzoate, NF, Non-crystallizing Sorbitol Solution, NF, FD&C Yellow No.6, Sodium Citrate Dihydrate, USP, Anhydrous Citric Acid, USP, Artificial Strawberry Flavor and Purified Water

4.	**First Aid Measures**	
	Eye	Rinse eye thoroughly with water. If irritation occurs, seek medical attention.
	Skin	Remove from source of exposure. Remove and isolate contaminated clothing and shoes. Flush with copious amounts of water for at least 20 minutes. Use soap. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. Ensure that medical personnel are aware of the material(s) involved and are aware of precautions to protect themselves.
	Inhalation	Remove from source of exposure. Move individual(s) to fresh air. Give artificial respiration if individual(s) are not breathing and call emergency medical service. If signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary. Ensure that medical personnel are aware of the material(s) involved and are aware of precautions to protect themselves.
	Ingestion	Rinse mouth with water. If swallowed, seek medical advice immediately and show the container or label. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Seek medical attention, or call a poison control center only if the recommended dosage is exceeded.
	Signs & symptoms	Solution is not considered hazardous under normal conditions
	Medical condition aggravated by Exposure	WARNINGS: Immediate hypersensitivity reactions may occur after administration of Albuterol, as demonstrated by rare causes of urticarial, angioedema, rash, bronchospasm, and oropharyngeal edema. Albuterol, like other beta-adrenergic agonists, can produce a significant cardiovascular effect in some patients, as measured by pulse rate, blood pressure, symptoms, and/or electrocardiographic changes.
5.	**Fire Fighting Measures**	
	Extinguishing Media	Use water, carbon dioxide, dry chemical or foam as necessary.
	Unsuitable Extinguishing Media	With small quantities use carbon dioxide extinguisher. For large fires use ample quantities of water with dry chemicals or foam as necessary.
	Other Fire Fighting Considerations	NA

6.	**Accidental Release Measures**	
	Personal Precaution	Avoid excessive contact and contact with eyes. Use personal protective equipment recommended in Section 8 of this document and isolate the hazard area
	Environmental Precautions	No data Available
	Procedure for Spill/ Leak Clean-up	Collect and place in a suitable container. Sorbents may be used. Waste disposal method: To be performed in compliance with all regulations.
7.	**Handling and Storage**	
	Precautions for Safe handling	Handle in accordance with product label and/or product insert information. Handle in accordance with good industrial hygiene and safety practices.
	Condition for safe storage	Store at 20º-25ºC (68º-77ºF) Other Precautions: Dispense contents with a child-resistant closure (as required) and in a tight, light-resistant container as defined in the USP.
	Other Recommendations	None
8.	**Exposure Control and Personal Protection**	
	Engineering Controls:	Not required for the normal use of this product. Engineering controls should be used as the primary means to control exposures.
Personal Protection:		
	Eye Protection	Safety glasses with side shields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g., bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area. NIOSH/OSHA approved safety glasses.
	Skin Protection	Wear protective laboratory coat, apron, or disposable garment when working with large quantities.
	Hand Protection	Chemically compatible gloves are recommended. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic non-latex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
	Respiratory Protection	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134).

9.	**Physical and Chemical properties**	
	Description	Clear, yellow liquid with a strawberry flavor
	pH	3.5 -4.5
	Specific Gravity	0.959 - 1.059
	Physical state	Liquid
10.	**Stability and Reactivity**	
	Chemical Stability	Stable under recommended storage conditions. Avoid source of ignition
	Possible Hazardous reactions	No data Available
	Conditions to avoid	No data Available
	Material to Avoid	Strong oxidizer.
	Hazardous decomposition Products	Does not undergo explosive decomposition.
	Other Recommendations	None
11.	**Toxicological Information**	
	Information on the likely route of Exposure (Skin, eye, Inhalation, ingestion)	No data Available
	Symptoms Related to the Physical, Chemical and Toxicological Characteristics:	See Section 4. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
	Delayed and Immediate Effects of Exposure:	No data Available
	National Toxicology Program (NTP)	No data Available
	International Agency for Research on Cancer (IARC):	No data Available
	Occupational Safety and Health Administration (OSHA):	No data Available
	Mutagenicity:	No data Available
12.	**Ecological information**	
	Ecotoxicity	No data Available
13.	**Disposal Considerations**	
		Dispose of all waste in accordance with Federal, State and Local regulations.

14. Transportation Information	
UN Number	NA
UN proper Shipping name	NA
Transport Hazard class	NA
Packing Group	NA
Department of Transportation	Not regulated as a hazardous material.
15. Regulatory Information	
US Federal Regulations:	
Toxic Substance Control Act (TSCA)	Not Listed
CERCLA Hazardous Substance and Reportable Quantity:	Not Listed
SARA 313	Not Listed
SARA 302	Not Listed
State Regulations: (New Jersey)	Not Listed
16. Other Information	
DISCLAIMER:	This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communications regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate mechanisms to prevent employee exposures, property damage or release to the environment.

REVISION HISTORY:

Revision	Effective Date	Reason for Revision
00	09/09/2019	Not Applicable