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MATERIAL SAFETY DATA SHEET

Actidose with Sorbitol

Creation Date: 10-25-1990
Last Revision: 01-27-1999

Revision Date: 04-25-2006

SECTION 1: PRODUCT IDENTIFICATION

Product Name	Actidose with Sorbitol
Common Name/Trade Name	NA
Manufacturer	Paddock Laboratories, Inc.
Synonyms	Activated Charcoal Suspension with Sorbitol
Chemical Name	NA
Chemical Family	NA
Chemical Formula	NA

SECTION 2: COMPOSITION AND INGREDIENTS

CHEMICAL NAME	CAS#	%	OSHA PEL	ACGIH TLV	IDLH
Actidose Charcoal	7440-44-0	16	NA	NA	NA
Sorbitol	50-70-4	*	NA	10 mg/m ³ (dust)	NA
Propylene Glycol USP	57-55-6	*	NA	NA	NA
Glycerin USP	56-81-5	*	NA	10 mg/m ³ (mist)	NA
Purified Water USP	7732-18-5	*	NA	NA	NA
Citric Acid USP	77-92-9	*	NA	NA	NA

* Specific amount is considered proprietary information.

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute and Chronic Health Effects	May cause mild to severe diarrhea with accompanying fluid and electrolyte disturbances, irritation of the gastrointestinal tract, hypotension.
Pregnancy Comments	NA

SECTION 4: FIRST AID MEASURES

Skin Exposure	Wash with soap and water. If irritation develops or persists, seek medical attention.
Eye Exposure	Flush with water for 15 minutes. If irritation develops or persists, seek medical attention.
Inhalation	If victim is not breathing, give artificial respiration. If breathing is difficult, give oxygen. In any case, seek medical attention.
Ingestion	Seek medical attention or contact a poison control center immediately.

SECTION 5: FIRE / EXPLOSION HAZARDS & FIREFIGHTING MEASURES

Flammability of the Product	NA
Auto-ignition Temperature	NA
Flash Points	NA
Flammable Limits (in air by volume, %)	Lower: NA Upper: NA
Fire Extinguishing Equipment	Use extinguishing agent suitable for type of surrounding fire. Water Spray: NA Foam: NA Carbon Dioxide: OK Dry Chemical: OK Other: Water fog
Unusual Fire and Explosion Hazards	May emit toxic carbon monoxide and carbon dioxide fumes if heated.
Explosion Hazards in presence of Various substances	NA
Firefighting Procedures	Firefighters should wear full protective gear including self contained breathing apparatus.

SECTION 6: SPILL AND LEAK PROCEDURES

Spills

Wear all protective gear including goggles and gloves. Mop up with an absorptive material and place in tight container for disposal. Wash spill area with soap and water.

SECTION 7: HANDLING AND STORAGE

Work and Hygiene Practices

Avoid contact with eyes, skin or clothing. Wash hands thoroughly after handling and contaminated clothing before reuse.

Storage and Handling Practices

Avoid exposure to temperatures below 7°C (45°F) and above 32°C (90°F).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

No special ventilation required under normal use conditions.

Personal Protection

Respiratory Protection

No special respiratory protection under normal use.

Eye Protection

Safety glasses or goggles. Avoid use of contact lenses when working with this product.

Hand Protection

Rubber or latex recommended.

Body Protection

Appropriate laboratory apparel.

SECTION 9: PHYSICAL / CHEMICAL PROPERTIES

Physical state and appearance

Smooth, black, somewhat viscous suspension with a slightly sweet taste.

Molecular Weight

NA

Boiling Point

NA

Vapor Density (AIR=1)

NA

Vapor Pressure (mm Hg)

NA

Melting/Freezing Point

NA

pH

NA

Water Solubility	Miscible
Specific Gravity (Water =1)	>1
Water Reactivity	No
Volatility	NA
Odor	Odorless

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable
Incompatible Temperature	NA
Incompatible Materials	None known
Conditions of Instability	NA
Hazardous Polymerization	Will not occur
Hazardous Decomposition	May emit toxic fumes if heated to decomposition.
Conditions to Avoid	NA

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity	LD ₅₀ : Oral (rat) = >10 gm/Kg (charcoal)
Suspected Cancer Agent	No

SECTION 12: ECOLOGICAL INFORMATION

Environmental Stability	NA
Ecotoxicity	NA
Products of Biodegradation	NA
Special Remarks	NA

SECTION 13: WASTE DISPOSAL

Dispose of material according to local, state, federal and environmental disposal regulations or company operating procedures.

SECTION 14: TRANSPORTATION INFORMATION

DOT classification	NA
Identification	NA
DOT Label(s) Required	NA

SECTION 15: REGULATORY INFORMATION

SARA	NA
Federal and State Regulations	NA
U.S. TSCA Inventory Status	NA

SECTION 16: OTHER INFORMATION

DEFINITIONS OF ABBREVIATIONS USED:

ACGIH	American Conference of Governmental Industry Hygienists
CAS	Chemical Abstract Service
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Health Level
LC₅₀	Medial Lethal Concentration
LD₅₀	Medial Lethal Dose
MSHA	Mine Safety and Health Administration
NA	Not Available
ND	No Data
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

SECTION 17: DISCLAIMER

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