

SAFETY DATA SHEET (SDS)

Dyad Medical Sourcing

SECTION I - PRODUCT IDENTIFICATION

Product Trade Name: HCS Hot Packs
Manufacturer: Dyad Medical Sourcing, LLC
2101 Waukegan Road, Suite 208
Bannockburn, IL 60015
Emergency Phone Number: 1-855-241-1773

SECTION II - HAZARD(S) IDENTIFICATION

Emergency Overview: Product exists as colorless solid in water bag. May cause irritation of the skin, eyes, and upper respiratory tract. Use methods suitable for the surrounding fire. Firefighters should wear full protective equipment and clothing.

Ingestion: Low oral toxicity.

Inhalation: Overexposure may cause mild to moderate irritation of the nose, throat & digestive tract.

Eye Contact: This product may cause irritation to the eyes.

Skin Contact: This product may cause irritation to the skin.

HMIS Ratings: **Health Hazard = 0** **Fire Hazard = 0** **Physical Hazard = 0**
Hazard scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe 5 = Chronic Hazard

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. Number: 7487-88-9
Components: Magnesium Sulfate Anhydrous
Percent: >98%

Component Related

Regulatory Information: This produce may be regulated, have exposure limits or other information identified as the following: Magnesium sulfate (7487-88-9)

Non-Hazardous

Components Information: This produce is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

SECTION IV - FIRST AID MEASURES

Eyes: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleanser. If irritation or redness develops or persists, seek medical attention.

Ingestion: Have victim rinse mouth thoroughly with water, if conscious. If victim is drowsy or unconscious and vomiting, place on left side with the head down. Do not give anything by mouth. Contact physician or poison control center immediately. If possible, do not leave victim unattended and observe closely for adequacy of breathing.

SECTION IV - FIRST AID MEASURES

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Notes to Physician: There is no specific antidote. Care is symptomatic and supportive.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: None

Upper Flammable Limit (UFL): Not applicable

Lower Flammable Limit (LFL): Not applicable

Autoignition: Not available

Unusual Fire & Explosion Hazards: No unusual fire or explosion hazards are expected.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential hazard is unknown in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 9). Isolate immediate hazard area, keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risks. Cool equipment exposed to fire with water, if it can be done with minimal risk.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways.

Steps to be Taken in Case Material is Released/Spilled: Stay upwind and away from spill/release. Notify person downwind of spill, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 9). Dike far ahead of spill for later recovery of disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state, and local agencies. Immediate cleanup of any spill is

SECTION VII - HANDLING & STORAGE

Handling Procedures: All employees who handle this material should be trained to handle it safely. Do not breathe dust. Avoid all contact with skin and eyes. Use this product only with adequate ventilation. Wash thoroughly after handling.

Storage Procedures: Keep container tightly closed when not in use and protect container(s) against physical damage. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: If current ventilation practices are not adequate to minimal exposure, additional ventilation or exhaust systems may be required.

Eye/Face Protection: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Protective Clothing: The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation (see glove manufacturer literature for information on permeability). Impervious clothing should be worn as needed.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with a N95 filter may be used under conditions where airborne concentrations are expected to exceed exposure limits (See Section 3). Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a positive pressure air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

General Protection: A source of clean water should be available in the work area for flushing eyes and skin.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear solid in water bag	pH:	No data
Physical State:	Solid/Liquid	Autoignition Temperature:	No data
Odor:	Odorless	Freezing/Melting Point:	No data
Vapor Pressure (mmHg):	No data	Specific Gravity:	No data
Boiling Point:	Not applicable	Evaporation Rate:	Not applicable
Solubility in Water:	100%		

SECTION X - STABILITY & REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to Avoid: None known.

Incompatibilities: None known.

Hazardous Decomposition: None known.

Hazardous Polymerization: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs, or developmental toxicity.

SECTION XII - ECOLOGICAL INFORMATION

No data

SECTION XIII - DISPOSAL CONSIDERATIONS

This material, if discarded as produced, is not an RCRA "listed" or "characteristic" hazardous waste. Use resulting in chemical or physical change or contamination may subject it to hazardous waste regulations. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

SECTION XIV - TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous

SECTION XV - REGULATORY INFORMATION

This material does not contain any known chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

This material does not contain any known chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION XVI - OTHER INFORMATION

Date of Preparation: May 2015

The information in this document is believed to be correct as of the date issued. **However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.** This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.