

Safety Data Sheet

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

Regulatory Status:

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as hazardous to health.

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: PS-500
DESCRIPTION: Disposable Sodium Acetate Laparoscope Warmer

PRODUCT USE: Laparoscope Warmer

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: This substance is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS LABEL ELEMENTS: None

HSNO CLASSIFICATION: 6.3B, 6.4A

PRECAUTIONARY STATEMENTS:
Do not use if product is damaged. May cause eye irritation and mild skin irritation if product is damaged.

HAZARD-DETERMINING COMPONENTS OF LABELING: None

HAZARD STATEMENTS: None

CLASSIFICATION SYSTEM: NFPA DEFINITIONS: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREEM

NFPA RATING DIAMOND (SCALE 0-4):
HEALTH= 1
FIRE= 0
REACTIVITY= 0

HMIS-RATINGS (SCALE 0-4):

HEALTH	:	1
FIRE	:	0
REACTIVITY	:	0

SECTION 3: COMPOSITION INFORMATION

COMPOSITION: Mixture consisting of the following components

INGREDIENT: Sodium Acetate	CAS No.: 127-09-3	PERCENT: 30-50%*
INGREDIENT: Purified Water	CAS No.: N/A	PERCENT: 50-70%*

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

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES: Rinse contact surfaces thoroughly.

GENERAL INFORMATION: Wash thoroughly after handling if product has been damaged.

AFTER INHALATION OF DAMAGED PRODUCT: If inhaled, remove to fresh air.

AFTER SKIN CONTACT OF DAMAGED PRODUCT: Wash thoroughly with soap and water.

Safety Data Sheet

AFTER EYE CONTACT OF DAMAGED PRODUCT: Flush immediately with large amounts of water, lifting the lower and upper lids occasionally

AFTER SWALLOWING OF DAMAGED PRODUCT: Rinse mouth immediately and drink plenty of water

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Irritant after exposure to damaged product.

PS-500 Scope Warmers are sealed plastic pouches containing liquid and solid components. The pouches are hermetically closed articles which do not present any particular risk as long as they are used according to the manufacturer's instructions on the package.

SECTION 5: FIRE & EXPLOSION HAZARD DATA

GENERAL INFORMATION: AS WITH MOST ORGANIC SOLIDS, FIRE IS POSSIBLE AT ELEVATED TEMPERATURES OR BY CONTACT WITH AN IGNITION SOURCE. LISTED FIRE DATA IS FOR THE ANHYDROUS MATERIAL.

FLASH POINT: >250°C

AUTOIGNITION TEMPERATURE: 611°C

EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear protective gloves and safety goggles if product is damaged.

SPILL AND LEAK PROCEDURES: Remove all sources of ignition. Ventilate area of leak or spill. Flush area with water.

ENVIRONMENTAL PRECAUTIONS: Small amount of residue may be flushed to sewer with plenty of water.

SECTION 7: HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING & STORAGE: Precaution to be taken in handling and storage: store in a dry location. Do not store or ship below 28°F. Do not store near food or feed. Keep out of reach of children and pets.

OTHER PRECAUTIONS: Protect against physical damage. Isolate from any source of heat or ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not applicable.

EYE PROTECTION: Use Safety goggles when handling damaged product.

SKIN PROTECTION: Wear protective gloves when handling damaged product.

ENGINEERING CONTROLS: Not applicable

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear clean body-covering clothing.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

pH: No information found

Freezing Point: -2°C

Specific Gravity (H₂O = 1): No information found

Vapor Pressure (mm Hg): No information found

Vapor Density (AIR = 1): No information found

Evaporation Rate (Butyl Acetate = 1): No information found

Solubility in Water: 76 gm / 100 mls water @ 0C

Appearance and Odor: Colorless crystals and light acetic acid odor

Safety Data Sheet

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

CONDITIONS TO AVOID: Incompatibles

INCOMPATIBILITY (MATERIAL TO AVOID): Nitric acid, fluoride, potassium nitrate, strong oxidizers, and diketene

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Emits fumes of acetic acid upon heating

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS: Do not use if product damaged.

POTENTIAL HEALTH EFFECTS:

INHALATION: May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, labored breathing, and chest pain

EYE: Contact may cause irritation, redness, and pain

SKIN: May cause irritation with redness and pain

INGESTION: Large doses may produce abdominal pain, nausea, and vomiting

TARGET ORGANS: No information found

PRIMARY ROUTES OF EXPOSURE: if product is damaged: skin, eye, or inhalation

POTENTIAL EFFECTS OF CHRONIC EXPOSURE: No information found

CARCINOGENICITY: No information found

IRRITATION/SENSITIZATION: No information found

TERATOGENICITY: No information found

MUTAGENICITY: No information found

REPRODUCTIVE TOXICITY: No information found

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information found

BIODEGRADABILITY: No information found

BIOACCUMULATION: No information found

MOBILITY: No information found

OTHER ADVERSE EFFECTS: No information found

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local requirements

SECTION 14: TRANSPORT INFORMATION

RESOURCE CONSERVATION & RECOVERY ACT (RCRA) WASTE NUMBER: None

BASIC SHIPPING DESCRIPTION: Not Regulated

UN NUMBER

DOT, ADR, IMDG, IATA:

UN PROPER SHIPPING NAME

DOT:

ADR:

IMDG, IATA:

TRANSPORT HAZARD CLASS(ES)

HAZARD LABEL:

DOT CLASS AND LABEL:

ADR CLASS AND LABEL-

IMDG, IATA CLASS AND LABEL-

PACKING GROUP:

Safety Data Sheet

PACKING INSTRUCTION:
 SPECIAL PROVISIONS:
 IMDG LIMITED QUANTITY (LQ):
 EXCEPTED QUANTITIES (EQ):
 UN MODEL REGULATION:
 CONSUMER COMMODITY, ORM-D STAMPED:

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS: None

TSCA (TOXIC SUBSTANCE CONTROL ACT):
 CERCLA/SARA - HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES:
 302 EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS:
 302EXTREMELY HAZARDOUS SUBSTANCES TPQS:
 CERCLA/SARA - 313 - EMISSION REPORTING:

US STATE REGULATIONS: None

CALIFORNIA - 8 CCR SECTION 339 - DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES:

INTERNATIONAL REGULATIONS: None

WATER HAZARD CLASS (GERMANY):

 CANADA
 DOMESTIC SUBSTANCES LIST (DSL):
 WHMIS - INGREDIENT DISCLOSURE LIST:
 WHMIS STATUS:

SECTION 16: OTHER INFORMATION

Date of Preparation/Last Revision: 12/20/2018

FURTHER INFORMATION: This MSDS has been prepared in accordance with:

DISCLAIMER: The information provided in this Material Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An MSDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, JOSNOE MEDICAL INC MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall JosNoe Medical Inc be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if JosNoe Medical Inc has been advised of the possibility of such damages. We reserve the right to update MSDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

Manufactured By/Contact Source for Additional Information	
Company Name: JosNoe Medical Inc.	Phone Number: (734) 475-7403
Address: 1303 S. Main St. Ste A Chelsea MI 48118 USA	Fax Number: (734) 475-0848
	Email Address: chale@josnoemedical.com
	Preparer's Name: Christine Hale