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Material Safety Data Sheet

Section 1 – Company Information

Issued by:	JEEN International Corporation 24 Madison Road Fairfield, NJ 07004, USA Tel#: 793-439-1401	Chemtrec Emergency Number Chemtrec International Emergency Number: Latest Revision Date: 01-02-2007
Product Name:	JEECHEM ISP	
INCI:	Isostearyl Palmitate	
CAS No.:	72576-80-8	

Section 2 – Composition/Information on Ingredients

Chemical Name	CAS Number	Weight % Less Than
Isostearyl Palmitate	72576-80-8	100%

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

Notes: This product is not on the TSCA inventory. This product is exempt from TSCA when manufactured, processed, or distributed in commerce as food, food additive, drug, cosmetic, or device as such terms are defined in section 201 of the Federal Food, Drug, and Cosmetic Act.

Section 3 – Hazards Identification

Emergency overview:	See below for product details
Acute health effects:	May cause eye irritation, Repeated or prolonged skin contact may cause irritation. Ingestion may cause irritation. Inhalation may cause respiratory tract discomfort.
Chronic health effects:	None known.
Signs/Symptoms of exposure:	Irritation
Routes of exposure/entry:	Skin Contact, Eye Contact
Target Organs:	Eyes, Skin
Medical Conditions	
Aggravated by exposure:	None known.
Carcinogenic status:	The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA or ACGIH.
Reproductive effect:	None Expected.

Section 4 – First Aid Measures

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

Eye contact:	Immediately flush eyes with plenty of clean water for an extended time, not less than five (5) minutes. Flush longer if there is any indication of residual chemical in the eye.
Skin contact:	Wash the affected area thoroughly with plenty of water and soap.
Inhalation:	If affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion:	Do not induce vomiting. Keep individual warm and quiet. If spontaneous vomiting occurs, monitor for breathing difficulty. Never give anything by mouth to an unconscious person. Call a physician.
Notes to physician:	No additional information.

Section 5 – Fire Fighting Measures

NFPA flammability class:	N/A
Flash point:	>329 ° F (165 °C) (Cleveland Open Cup)
Explosive range:	LEL: Not Available UEL: Not Available
Notes:	No Additional Information
Fire and explosive properties:	This product is not known to present any fire hazard.
Extinguishing media:	Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.



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Section 5 – Fire Fighting Measures Continued...

Fire fighting instructions: No specific requirements known. Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase or fire fighting operations.

Unusual fire/explosion hazards: No information

Section 6 – Accidental Release Measures

Containment techniques: Contain spill. Do not flush product into public sewer, water systems or surface water.

Clean-up techniques: Eliminate ignition sources. Ventilate areas of spill. Recover as much as possible for reuse. Absorb remainder with an inert material. Place into labeled, closed container; store in safe location to await disposal. Wash the spill area to remove final traces. Personal protective equipment and clothing must be utilized by persons performing this work. CAUTION: Spilled liquid and dried film are slippery. Use care to avoid falls.

Evacuation instructions: Not Applicable

Section 7 – Handling and Storage

Handling: Do not cut, puncture, or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Provide eyewash fountains and safety showers in the work area.

Storage: Open containers carefully and slowly. Do not store in open, unlabeled or mislabeled containers. Store in cool and dry, under well-ventilated conditions. Do not reuse empty container without commercial cleaning or reconditioning.

Section 8 – Exposure/Personal Protection

Chemical Name:	ACGIH-TWA-	ACGH-STEL -	OSHA-TWA-	OSHA-STEL-
Isostearyl Palmitate	N/E	N/E	N/E	N/E

Notes: No Additional Information

Engineering Controls: Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, Ohio 45240-1634, USA

Eye/face protection: Wear eye protection.

Skin protection: Wear protective gloves

Respiratory protection: Respiratory protection is not needed with proper ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29 CFS).

General protection: No Additional Information

Section 9 - Physical and Chemical Properties

Form: Liquid
Appearance: Light Yellow
Odor: Characteristic
pH: Not applicable
Solubility in Water: Insoluble
Evaporation Rate: Not Determined
Vapor pressure: <0.02 mmHg@ 68°F (20 °C)
Melting Point: Not Applicable
Vapor density: Not determined
Partition coefficient: Not applicable
% Volatile by weight: Not available
Specific gravity: 0.856
VOC: Not Available
Boiling Point: > 347 °F (175 °C)



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Section 10 – Stability and Reactivity

Stability:	This product is stable
Hazardous polymerization:	Hazardous polymerization will not occur
Notes:	No Additional Information
Conditions to avoid:	Do not freeze. Overheating
Incompatibility with other materials:	Avoid contact with strong oxidizing agents.
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide.
Hazardous Polymerization:	Will not occur.
Additional reactivity/stability information:	None
Thermal processing emissions:	Not applicable

Section 11 – Toxicological Information

Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

Chemical Name	LC50 Inhalation	Species	LD50 Oral	Species	LD50 Skin	Species
Isostearyl Palmitate	N/E		N/E		N/E	
Chemical Name	LC50 Inhalation	Species	LD50 Oral	Species	LD50 Skin	Species
Isostearyl Palmitate	N/E		N/E		N/E	

As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

Section 12 – Ecological Information

Eco-toxicological Information/ Chemical Fate Information: None known or expected from this product as furnished. This product has not been tested.

Section 13 – Disposal Considerations

For waste disposal purposes, this product is now known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Federal, state and local regulations where the waste material is generated, treated, and/or disposed of must be examined to verify the appropriate waste classification. Incinerate waste product when in liquid form (i.e., as supplied) in a properly permitted (approved) incineration facility in accordance with federal, state and local regulations. Liquids can not be disposed of in a landfill.

US RQ: Not applicable.

Section 14 – Transport Information

UN/NA Number:	N/A	Hazard Class:	N/A	IMDG Class:	N/A
Packing Group:	N/A	ICAO/IATA Class:	N/A	TDG Class:	N/A
Name of Material:	Not regulated.				

Section 15 – Regulatory Information

This MSDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200

U.S. Toxic Substances Control Act:

TSCA: Exempt under section 3(2)(B)(vi) of the Toxic Substances Control Act.

TSCA: This product is now known to be on the TSCA inventory.

U.S. CERCLA – SARA: SARA Title III Section 312 Hazard Category (40 CFR 311/312): Not Hazardous

SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372: None Known

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.



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Section 15 – Regulatory Information Continued...

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

None known to be present or none in reportable amounts for occupation exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

The chemical identity of some or all components present is confidential business information (trade secret) and is being withheld as permitted by 29CFR1910.1200 (I)

Canadian Domestic Substances List (DSL): CANADA: Exempt from DLS – listing for pharmaceutical or personal care use for substances in F&DA product that were on the market between 1 January 1987 and 13 September 2001.

Canadian Ingredient Disclosure List:

The following components are on the Canadian Ingredient Disclosure List (WHMIS): None Listed.

Canadian WHMIS Class: Not controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16 – Other information

HMIS Rating: Health: 0 Flammability: 1 Reactivity: 0 Personal Protection: X

NFPA Rating: Health: 2 Flammability: 1 Reactivity: 0

Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme

Hazardous Materials Identification System (HMIS), National Paint and Coating Assn. Rating applies to product "as packaged" (i.e., ambient temperature). Ratings are based upon HMIS rating Manual 1984. Values do not reflect HMIS III. National Fire Protection Association (NFPA) rating identified the severity of hazards of material during a fire emergency (i.e., "on fire").

Legend:

*: Indicates a trademark or registered trademark.
ACGIH: American Conference of Governmental Industrial Hygienists
A1: Confirmed human carcinogen
A2: Suspected human carcinogen
A3: Animal carcinogen
CAS No.: Chemical Abstract Service Registry Number
IARC: International Agency for Research on Cancer
Group 1: Carcinogenic to humans.
Group 2: Probably carcinogenic to humans
Group 2B: Possibly carcinogenic to humans
Group 3: Unclassified as a carcinogen to humans
MSHA: Mine Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
N/A: Not Applicable
N/E: None Established
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
PNOC: Particulates Not Otherwise Classified
RTK: Right To Know
STEL: Short Term Exposure Limit (15 minutes Time Weighted Average)
TLV: Threshold Limit Value
C: Ceiling Limit
S: Skin notation refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and eyes and by direct skin contact with the substance

WHMIS: Canadian Workplace Hazardous Materials Information System.



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Section 16 – Other information Continued...

Users responsibility/disclaimer of liability:

As the conditions or method of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability of any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This bulletin can not cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customer. It is your responsibility to develop appropriate work practice guidelines and employee instruction programs for your operation.