



**JEEN** INTERNATIONAL  
CORPORATION

24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

## MATERIAL SAFETY DATA SHEET

### Section 1 – Company & Product Identification

Issued by: JEEN International Corporation  
24 MADISON ROAD  
FAIRFIELD, NJ 07004  
Tel#:973-439-1401

**Chemtrec Emergency Tel.# 800-424-9300**

**Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)**

Latest Revision: 11-02-2006

Product: **JEECHEM CONCENTRATE SF**  
Chemical Description: Disodium Laureth Sulfosuccinate, Sodium Cocoyl Isethionate, Cocamidopropyl Betaine  
Synonyms: Surfactant Blend

### Section 2 – Composition/Information on Ingredients

Chemical	CAS Number	% Present	TLV or PEL (current ACGIH limit)
Disodium Laureth Sulfosuccinate	68815-56-5		
Cocamidopropyl Betaine	61789-40-0		

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; No additional information

### Section 3 – Hazards Identification

#### Emergency Overview:

See below for product details

#### Acute health effects:

Ingestion may cause irritation . May cause eye and skin irritation . Inhalation may cause irritation of the respiratory tract and mucous membranes.

#### Chronic health effects

None known.

#### Signs/Symptoms of exposure

Irritation

#### Routes of exposure/entry

Not Applicable

#### Target Organs

Eyes, Respiratory tract, Skin

#### Medical conditions aggravated by exposure

None known.

#### Carcinogenic status

The components of this mixture are not known to be listed ore regulated by IARC, NTP, OSHA or ACGIH.

#### Reproductive effects

None known.

### 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 fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. See a physician.

Skin Contact: Wash the affected area thoroughly with plenty of water and soap. If irritation develops, call a physician.

Inhalation: If affected, removed to fresh air. Call a physician.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth and have patient drink several glasses of water. Call a physician

Notes to Physician: No Additional Information

### Section 5 – Fire Fighting Measures

NFPA Flammability Class: N/A

Flash point: Not applicable

Explosive range: LEL Not Available

UEL Not Available



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

**Page No. 2 of 7 – MSDS - JEECHEM CONCENTRATE SF**

---

**Section 5 – Fire Fighting Measures Continued...**

---

Fire and explosive properties: This product is not know to present any fire hazard.  
Extinguishing Media: Carbon dioxide, foam, dry chemical water.

Fire fighting instructions: Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure demand mode (or other positive pressure mode) and protective clothing.

---

**Section 6 – Accidental Release Measures**

---

Containment techniques: Contain spill. If spilled in an enclosed are, ventilate.  
Clean-up techniques: Wear proper personal protective clothing and equipment. Do not flush liquid into public sewer, water systems or surface waters. Soak up large spill residue and small spills with an inert absorbent. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

Evacuation instructions: No applicable.

---

**Section 7 – Handling and Storage**

---

Handling: Use under well-ventilated conditions. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor.

---

**Section 8 – Exposure Controls/Personal Protection**

---

Chemical Name	ACGIH-TWA	ACGIH- STEL	OSHA- TWA	OSHA- STEL
Disodium Laureth Sulfosuccinate	N/E	N/E	N/E	N/E
Cocamidopropyl Betaine	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 fumes, vapors and/or dust away from workers to prevent routine inhalation.

Eye/Face Protection: Safety glasses or goggles required.

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 (29CFR)

General Protection: No additional information.

---

**Section 9 – Physical and Chemical Properties**

---

Form:	Liquid	pH:	6.0 – 7.0
Appearance:	Yellow	% Volatile by Weight:	Not Available
Odor	Not Available	Specific Gravity:	1.07
Solubility in Water:	Soluble	VOC	Not Available
Evaporation Rate:	Not Available		
Vapor Pressure:	Not Available	Boiling Point F:	Not Available
Melting Point:	Not Available	Boiling Point C:	Not Available
Vapor Density:	Not Available		
Partition Coefficient:	Not Available		

Notes: No Additional Information.

---

**Section 10 – Stability and Reactivity**

---

Stability: This product is stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None Known.

Notes: No additional information

Incompatibility with other materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide. Oxides of sulfur.

Additional reactivity/stability information: None Known.

Thermal processing emissions: Not applicable.



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

## MATERIAL SAFETY DATA SHEET

### Page No.3 of 7 – MSDS - JEECHEM CONCENTRATE SF

#### 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
Disodium Laureth Sulfosuccinate	N/E		N/E		N/E	
Cocamidopropyl Betaine	N/E		12.4 ml/kg	Rate/adult	N/E	

Chemical Name	LC50 Inhalation	Species	LD50 Oral	Species	LD50 Skin	Species
Disodium Laureth Sulfosuccinate	N/E		N/E		N/E	
Cocamidopropyl Betaine	N/E		N/E		N/E	

No toxicity studies have been conducted on this product.

#### Section 12 – Ecological Information

No ecological testing has been conducted on this product.

Notes: No Additional Information

#### Section 13 – Disposal Information

Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill.

US RQ: Not Applicable.

#### Section 14 – Transportation Information

UN/NA Number: N/A Hazard Class: N/A IMDG Class: N/A

Packaging Group: N/A ICAO/IATA Class: N/A TDG Class: N/A

Name of Material: Not regulated – See Bill of Lading for Details.

Notes: No Additional Information.

#### Section 15 – Regulatory Information

This MSDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.12.

US 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 requirements 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 approve of the California Hazard Communication Standard, Federal Register, page 431159 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): All components in this product are on the Canadian Domestic Substances List (DSL) or are exempt from listing.

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

Canadian WHMIS Class: Not controlled.

Notes: No Additional Information.

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.



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

## MATERIAL SAFETY DATA SHEET

### Page No. 4 of 7 – MSDS – JEECHEM CONCENTRATE SF

---

#### Section 16 – Other Information

Notes: No Additional Information

HMIS Rating: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: X  
NFPA Rating: Health: 1 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 identifies the severity of hazards of material during a fire emergency (i.e., “on fire”).

#### Legend:

ACGIH: American Conference of Government 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: Carinogenic to humans  
Group 2A: 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 minute 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 the eyes and by direct skin contact with the substance  
WHMIS: Canadian Workplace Hazardous Materials Information System.

---

#### Users responsibility/disclaimer of liability

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any uses of this product. . Information contained herein is believed to be true and accurate but all statement or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of user.



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

#### Material Safety Data Sheet Terminology

Section One:	Product Description: Chemical Description: Synonyms:	The name under which the product is sold. Chemical descriptive name Common names for the product.
Section Two:	Hazardous Ingredients:	Lists any hazardous ingredients as required by OSHA "Hazard Communication Rule" (29 CFR Part 1910).
Section Three:	Physical Data: Boiling Point:  Specific Gravity:  Solubility in Water-% by Volume: Freezing Point:  Evaporation Rate, Butyl Acetate=1: Vapor Pressure @ 20°C: %Volatiles by Volume:  Vapor Density: volume of air.  Appearance and Odor:	Temperature at which a liquid changed to a vapor at 760 mm Hg or some specific pressure. Ratio of the weight of a volume of the product to the Weight of an equal volume of water (liquids/solids) or air (gases). Solubility of the product by weight in water at ambient or specified temperature. Temperature at which a liquid changed to a solid at 760 mm Hg or some specific pressure. Ratio of the rate of vaporization of the product to butyl acetate. Pressure exerted by a saturated vapor above its liquid. The percent by volume of the product (liquid or solid) that will evaporate at ambient temperature. Ratio of the weight of a volume of the product's vapor to the weight of an equal volume of air. Description of the material at normal temperature and pressure that may be useful in identifying the presence of the product.
Section Four:	Fire & Explosion Hazard: Flash Point (Test Methods):  Flammable Limits in Air, % by Volume:  Extinguishing Media: Unusual Fire & Explosion Hazards:  Special Fire Fighting Procedures:	Lowest temperature at which the chemical will give off enough vapor to ignite. (Flash Point apparatus utilized)  Range of vapor concentration (% by volume in air) which will burn or explode in the presence of a spark or flame. LEL is the lower explosive limit, and UEL is the upper explosive unit. The fire-fighting agents which should be used. Hazards not covered by other sections of the MSDS pertaining to chemical reactions in the presence of heat and/or fire. General fire-fighting procedures of chemical fires is not given, but special procedures are given.
Section Five:	Health and First Aid Data: Acute Effects of Overexposure:  Chronic Effects of Overexposure:  Other Health Hazards:  Emergency & First Aid Procedures:	Gives the effects of overexposure to the chemical by swallowing, skin absorption, inhalation, skin contact, and eye contact. Common symptoms which may occur from exposure. Refers to effects most likely to occur after repeated or prolonged overexposure to the chemical. May include medical conditions which have been known to be aggravated by exposure to the chemical. Gives emergency and first aid procedures for treating overexposure by swallowing, skin contact, inhalation and eye contact.



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

---

Material Safety Data Sheet Terminology Continued...

---

Section Five:	*Health and First Aid Data: continued.....
TLV or PEL and Source:	The airborne concentration at which most workers can be exposed without any expected adverse effects. Source may be a JEEN International guideline. ACGIH (TLV) Threshold Limit Value or OSHA (PEL) Permissible Exposure Limit.
Hazardous Material Identification System:	Hazardous communication system used by JEEN International Corporation to assist user in identifying the hazards which may be associated with the use or handling of the product. Product label on the drum contains JEEN International Corporation ratings for Health, Flammability, Reactivity, and Personal Protection Equipment. The following charts are the hazard indices used for assigning these ratings.
Health Hazard Rating:	
0 Minimal Hazard:	No significant risk to health.
1 Slight Hazard:	Irritation or minor reversible injury may occur.
2 Moderate Hazard:	Temporary or minor injury may occur.
3 Serious Hazard:	Minor injury likely unless prompt action is taken and medical treatment is given.
4 Severe Hazard:	Life-threatening major or permanent damage may result from single or repeated exposures.
Flammability Hazard Rating:	
0 Minimal Hazard:	Materials which are normally stable and will not burn unless heated.
1 Slight Hazard:	Materials which must be preheated before ignition will occur. Flammable liquids in this category will. Have flash point at or above 200°F (NFPA Class IIIB)
2 Moderate Hazard:	Materials which must be preheated before ignition will occur, including flammable liquids with flash points at or above 100°F and below 200°F (NFPA Class II and IIIA)
3 Serious Hazard:	Materials capable of ignition under almost all normal temperature conditions, including flammable liquids with flash point below 73° and boiling points at or above 100° F, as well as liquids with flash points at or above 73°F and below 100°F (NFPA Class IA).
4 Severe Hazard:	Very flammable gases or very volatile flammable liquids with flash points below 73°F and boiling points below 100°F (NFPA Class IA).
Reactivity Hazard Rating:	
0 Minimal Hazard:	Materials which are normally stable, even under fire conditions and which will not react with water.
1 Slight Hazard:	Materials which are normally stable, but may become unstable at high temperatures and pressures. These materials may react with water, but will not release energy violently.
2 Moderate Hazard:	Materials which in themselves are normally unstable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.
3 Serious Hazard:	Materials which are capable of detonation or explosive reaction, but require a strong initiating source; or must be heated under confinement before irritation, materials which react explosively with water.
4 Severe Hazard:	These materials are readily capable of detonation or explosive decomposition at normal temperatures and pressures.



24 Madison Road, Fairfield, New Jersey 07004, USA  
 Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
 email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

**Material Safety Data Sheet Terminology Continued...**

Section Five:	*Health and First Aid Data: continued.....	
	Personal Protection Index	
	A	Safety Goggles
	B	Safety Goggle/Gloves
	C	Safety Goggles/Gloves/Synthetic Apron
	D	Face Shield/Gloves/Synthetic apron
	E	Safety Goggles/Gloves/Dust Respirator
	F	Safety Goggles/Gloves/Dust Respirator/Synthetic Apron
	G	Safety Goggles/Gloves/Vapor Respirator
	H	Goggles/Gloves/Synthetic Apron/Vapor Respirator
	I	Safety Goggles/Gloves/Synthetic Apron/Combination Dust and Vapor Respirator
	J	Goggles/Gloves/Synthetic Apron/Combination Dust and Vapor Respirator
	K	Air Line Mask/Gloves/Full Protective Suit/Rubber Boots
	X	Ask your Supervisor for specialized handling procedures.
Section Six:	Reactivity Data:	
	Stability:	Indicates the susceptibility to dangerous decomposition of the chemical.
	Conditions to Avoid if Unstable:	Gives conditions that may cause instability.
	Incompatibility with Other Materials:	Gives the materials that may cause unstable conditions if contacted.
	Hazardous Decomposition Products:	Describes the hazardous materials produced from a chemical reaction.
	Hazardous Polymerization:	Indicates the tendency of the chemical's molecules to combine in a violent Reaction.
	Conditions to Avoid:	Gives the conditions to avoid that may cause hazardous polymerization.
Section Seven:	Spill and Disposal Procedures:	
	Steps to be taken if material is released or spilled:	Indicates special precautions for clean-up of spills and leaks and preparation for disposal.
	Waste Disposal Methods:	Tells the EPA classification of the chemical as well as the proper disposal method.
Section Eight:	Respiratory Protection:	
	Ventilation:	Specification of the type (local/general) of ventilation required to capture contaminants or prevent the buildup of hazardous atmospheres.
	Protective Gloves:	Specification of the gloves required, based on type and degree of hazard from skin contact.
	Eye Protection:	
	Other Protective Equipment:	
Section Nine:	Special Precautions to be Taken in Handling and Storage:	
		States or reemphasizes any special precautions in handling and storage.

\*Rating system developed by and based on National Paint and Coatings Association's "Hazardous Materials Identification System."

While JEEN International believes that the data contained herein are factual and the opinions expressed are those of qualified reports regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which JEEN International assumes legal responsibility. They are offered solely for your consideration, and verification. Any use of these data must be determined by the user in accordance with applicable Federal, State and Local laws and regulations.