Material Safety Data Sheet: TASK EF

Supercedes Date 03/07/2012 **Issuing Date** 05/25/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name TASK EF
Recommended use Personal care
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 0846
Chemical nature Aqueous surfactant solution
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
WARNING
Causes eye irritation
May be harmful if swallowed

Color Light yellow **Physical State** Liquid **Odor** Orange

Potential Health Effects

Principle Route of Exposure	Skin contact, Eye contact.
Primary Routes of Entry	None known
Acute Effects	
Eyes	Causes eye irritation.
Skin	Low hazard for usual industrial or commercial handling.
Inhalation	Low hazard for usual industrial or commercial handling.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Kidney injury may occur.
Target Organ Effects	Kidney
Aggravated Medical Conditions	Kidney disorders
Potential Environmental Effects	See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Cocamidopropyl betaine	61789-40-0
Tetrapotassium pyrophosphate	7320-34-5
PEG-40 Lanolin	8051-82-9
PEG-4 Rapeseedamide	85536-23-8

4. FIRST AID MEASURES

General Advice	Avoid contact with eyes.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	No hazards which require special first aid measures.
Inhalation	No hazards which require special first aid measures.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point > 201 °F / > 94 °C **Method** Seta closed cup
Autoignition Temperature No information available.
Flammability Limits in Air % Not applicable. **Upper** No data available **Lower** No data available
Suitable Extinguishing Media
Water spray. Carbon dioxide (CO2). Foam. Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	**Health** 1	**Flammability** 1	**Instability** 0
HMIS	**Health** 1	**Flammability** 1	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Pick up and transfer to properly labeled containers

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

Storage Temperature **Minimum** 35 °F / 2 °C **Maximum** 120 °F / 49 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Cocamidopropyl betaine	No data available	No data available	No data available
Tetrapotassium pyrophosphate	No data available	No data available	No data available
PEG-40 Lanolin	No data available	No data available	No data available
PEG-4 Rapeseedamide	No data available	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Not required under normal use.

Skin Protection Not required

Respiratory Protection Not required under normal use.

General Hygiene Considerations Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	**Viscosity**	Semi-viscous
Color	Light yellow	**Odor**	Orange
Appearance	Transparent	**pH**	8.7
Specific Gravity	1.032	**Evaporation Rate**	0.5 (Butyl acetate=1)
Percent Volatile (Volume)	90.1	**VOC Content (%)**	0.2
VOC Photoreactive (Y/N)	Yes	**VOC Content (g/L)**	2
Vapor Pressure	1.032 mmHg @ 70°F	**Vapor Density**	0.6 (Air = 1.0)
Solubility	Completely soluble	**Boiling Point/Range**	210 °F / 99 °C

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to Avoid None known

Incompatible Products Strong oxidizing agents, Reducing agents.

Hazardous Decomposition Products Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sulfur oxides.

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Cocamidopropyl betaine	= 4900 mg/kg (Rat)	no data available	no data available	no data available	no data available
Tetrapotassium pyrophosphate	no data available	> 4640 mg/kg (Rabbit)	no data available	no data available	no data available
PEG-40 Lanolin	no data available	no data available	no data available	no data available	no data available
PEG-4 Rapeseedamide	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Cocamidopropyl betaine	no data available	no data available	no data available	no data available	no data available
Tetrapotassium pyrophosphate	no data available	no data available	no data available	no data available	kidney
PEG-40 Lanolin	no data available	no data available	no data available	no data available	no data available
PEG-4 Rapeseedamide	no data available	no data available	no data available	no data available	no data available

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Cocamidopropyl betaine	not applicable	not applicable	not applicable	not applicable	not applicable
Tetrapotassium pyrophosphate	not applicable	not applicable	not applicable	not applicable	not applicable

PEG-40 Lanolin	not applicable	not applicable	not applicable	not applicable	not applicable
PEG-4 Rapeseedamide	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Cocamidopropyl betaine	EC50 1.0 - 10.0 mg/L Desmodesmus subspicatus 72 h EC50 = 0.55 mg/L Desmodesmus subspicatus 96 h	LC50 1.0 - 10.0 mg/L Brachydanio rerio 96 h LC50 = 2 mg/L Brachydanio rerio 96 h	no data available	EC50= 6.5 mg/L 48 h	N/A
Tetrapotassium pyrophosphate	no data available	LC50 > 100 mg/L Oncorhynchus mykiss 96 h	no data available	EC50> 100 mg/L 48 h	N/A
PEG-40 Lanolin	no data available	no data available	no data available	no data available	N/A
PEG-4 Rapeseedamide	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Cocamidopropyl betaine	Not applicable	Not applicable
Tetrapotassium pyrophosphate	Not applicable	Not applicable
PEG-40 Lanolin	Not applicable	Not applicable
PEG-4 Rapeseedamide	Not applicable	Not applicable

Canada

Exempt

WHMIS Hazard Class
Non-controlled

16. OTHER INFORMATION

Prepared By	Rachael Mohochi
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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