

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product code : 1032JEP

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleansing product

1.3. Supplier

JEP-SOLUTIONS GLOBAL LLC
20 S. ACCESS ROAD
BLDG B
CHULA, GA
UNITED STATES
T 800-943-9158
www.jep-solutions.com

1.4. Emergency telephone number

Emergency number : INFOTRAC 1-800-535-5053

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Full text of H-statements: see section 16		

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US)	: Warning
Hazard statements (GHS US)	: H315 - Causes skin irritation H319 - Causes serious eye irritation
Precautionary statements (GHS US)	: P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves. P302+P352 - If on skin: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice or attention. P337+P313 - If eye irritation persists: Get medical advice or attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None under normal conditions.

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
UNDECETH-7	CAS-No.: 34398-01-1	1 – 5
TETRASODIUM EDTA	CAS-No.: 64-02-8	1.85 – 1.95
SODIUM CARBONATE	CAS-No.: 497-19-8	1 – 5

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse skin with water/shower. Take victim to a doctor/medical service if irritation persists.
First-aid measures after eye contact	: Get immediate medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting because of corrosive effects. Rinse mouth with water.

4.2. Most important symptoms and effects (acute and delayed)

Potential adverse human health effects and symptoms	: Causes serious eye irritation. Causes skin irritation.
Symptoms/effects	: Causes serious eye irritation. May cause an allergic skin reaction.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Adapt extinguishing media to the environment for surrounding fires.
------------------------------	---

5.2. Specific hazards arising from the chemical

Fire hazard	: Non-flammable.
-------------	------------------

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Explosion hazard : No direct explosion hazard.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Do not enter fire area without proper protective equipment, including respiratory protection. Evacuate area. Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Wear fire/flame resistant/retardant clothing. Wear recommended personal protective equipment. Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage. Avoid contact with skin and eyes. Clean up any spills as soon as possible, using an absorbent material to collect it. Do not handle until all safety precautions have been read and understood.

6.1.1. For non-emergency personnel

Protective equipment : Protective clothing. Safety glasses. Wear recommended personal protective equipment.

Emergency procedures : Avoid contact with skin and eyes. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Protective gloves. Safety glasses. Self-contained breathing apparatus. Use personal protective equipment as required. Use self-contained breathing apparatus and chemically protective clothing. Wear recommended personal protective equipment.

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Absorb remaining liquid with sand or inert absorbent and remove to safe place.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Handle and open container with care. Keep only in original container. Wear personal protective equipment.

Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Observe normal hygiene standards. Do not eat, drink or smoke when using this product. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Keep cool. Keep only in original container. Store in a dry place.

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

JEP-14 DEGREASER

No additional information available

SODIUM CARBONATE 497-19-8

No additional information available

TETRASODIUM EDTA 64-02-8

No additional information available

UNDECETH-7 34398-01-1

No additional information available

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Red
Odour	: characteristic
Odour threshold	: No data available
pH	: 11.6
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

Refractive index	: 1.3441
------------------	----------

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Acids. Oxidizing agent. Strong bases. metals.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : No data available
Acute toxicity (dermal) : No data available
Acute toxicity (inhalation) : No data available

SODIUM CARBONATE (497-19-8)

LD50 oral rat	2800 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg (16 CFR 1500. 40, 24 h, Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	2.3 mg/l (2 h, Rat, Male, Experimental value, Inhalation (aerosol))
ATE US (oral)	2800 mg/kg bodyweight
ATE US (vapours)	2.3 mg/l/4h
ATE US (dust,mist)	2.3 mg/l/4h

TETRASODIUM EDTA (64-02-8)

LD50 oral rat	> 2000 mg/kg (Rat, Oral)
---------------	--------------------------

UNDECETH-7 (34398-01-1)

ATE US (oral)	500 mg/kg bodyweight
---------------	----------------------

Skin corrosion/irritation : Causes skin irritation.
pH: 11.6
Serious eye damage/irritation : Causes serious eye irritation.
pH: 11.6
Respiratory or skin sensitisation : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : No data available
Reproductive toxicity : No data available
STOT-single exposure : No data available

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

STOT-repeated exposure	: No data available
Aspiration hazard	: No data available
Viscosity, kinematic	: No data available
Potential adverse human health effects and symptoms	: Causes serious eye irritation. Causes skin irritation.
Symptoms/effects	: Causes serious eye irritation. May cause an allergic skin reaction.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

SODIUM CARBONATE⁴⁹⁷⁻¹⁹⁻⁸

LC50 - Fish [1]	300 mg/l (96 h, <i>Lepomis macrochirus</i> , Static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	200 – 227 mg/l (48 h, <i>Ceriodaphnia</i> sp., Semi-static system, Fresh water, Experimental value, Locomotor effect)

TETRASODIUM EDTA⁶⁴⁻⁰²⁻⁸

LC50 - Fish [1]	121 mg/l (96 h, <i>Lepomis macrochirus</i> , Literature study, Soft water)
EC50 - Crustacea [1]	625 mg/l (24 h, <i>Daphnia magna</i> , Literature study)

12.2. Persistence and degradability

SODIUM CARBONATE⁴⁹⁷⁻¹⁹⁻⁸

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

TETRASODIUM EDTA⁶⁴⁻⁰²⁻⁸

Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.002 g O ₂ /g substance
Chemical oxygen demand (COD)	0.54 – 0.58 g O ₂ /g substance

12.3. Bioaccumulative potential

SODIUM CARBONATE⁴⁹⁷⁻¹⁹⁻⁸

Partition coefficient n-octanol/water (Log Pow)	-6.19 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

TETRASODIUM EDTA⁶⁴⁻⁰²⁻⁸

Partition coefficient n-octanol/water (Log Pow)	-2.6
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

SODIUM CARBONATE⁴⁹⁷⁻¹⁹⁻⁸

Ecology - soil	Low potential for adsorption in soil.
----------------	---------------------------------------

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

SODIUM CARBONATE⁴⁹⁷⁻¹⁹⁻⁸

Listed on the Canadian DSL (Domestic Substances List)

TETRASODIUM EDTA⁶⁴⁻⁰²⁻⁸

Listed on the Canadian DSL (Domestic Substances List)

JEP-14 DEGREASER

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

UNDECETH-734398-01-1

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

TETRASODIUM EDTA64-02-8

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 10/25/2023

Full text of hazard classes and H-statements

H315	Causes skin irritation
H319	Causes serious eye irritation

Safety Data Sheet (SDS), USA 2

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.