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Material Safety Data sheet

1. Identification

Product identifier

Other means of identification	TIDAPEARL (sodium Lauryl Ether Sulfate Pearling Agent)
Product code	
Recommended use	
Recommended restrictions	1544 Surfactant For industrial use only.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	TIDY Company
Address	IRAN
Telephone	+982188191753 +982188190269
E-mail	info@tidyco.ir

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category2
	Serious eye damage/eye irritation	Category1
	Hazardous to the aquatic environment	Category3
Environmental hazards	Category, acute hazard	
	Hazardous to the aquatic environment, long-term hazard	Category3
OSHA defined hazards	Not classified.	
Label elements		





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Signal word	Danger
Hazard statement	Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Response	Immediately call a poison center/doctor. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water.
Storage	Store in a well-ventilated place. Keep cool
Disposal	Dispose of contents/container in accordance with local/ regional/ national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	65 - 67
Anionic/Ester Blend		Proprietary*	33 - 35

Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.





Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately. Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Ingestion

Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting without advice from poison control center.

Most important symptoms/ effects, acute and delayed

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation.

General information

Symptoms may be delayed. Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable extinguishing media

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/ instructions

Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

General fire hazards

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.





6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

Methods and materials for containment and cleaning up

Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

7. Handling and storage

Precautions for safe handling

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Conditions for safe storage, including any incompatibilities

Never return spills to original containers for re-use.

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Store in original tightly closed container.

8. Exposure controls/personal protection

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.





Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Wear appropriate

Other

chemical resistant clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory

Thermal hazards

equipment. Not available.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Cream

Color

White

Odor

Not available

Odor threshold

Not available

pH

6.5 - 7.5 (10% in H₂O)

Melting point/freezing point

34 °F (1.11 °C)

Initial boiling point and boiling range

Not available

Flash point

> 201.0 °F (> 93.9 °C) Pensky-Martens Closed Cup

Evaporation rate

Estimated slower than ethyl ether.

Flammability (solid, gas)

Not available

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

Not determined or unknown.

Vapor density

Not available

Vapor density

Not available.

Solubility(ies)

Not available.

Solubility (water)

Soluble.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.





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Viscosity	12200 cP @ 25C
Other information	
Density	8.50 lb/gal @ 25C
Pour point	65 - 67 %

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Avoid heat, sparks, open flames and other ignition sources.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful
Skin contact	Causes skin irritation
Eye contact	Causes serious eye damage.
Ingestion	Expected to be a low ingestion hazard

Symptoms related to the physical, chemical and toxicological characteristics	Not available
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Information on toxicological effects

Acute toxicity	Not available
skin corrosion/irritation	Causes skin irritation
Serious eye damage/eye irritation	Causes serious eye damage

Respiratory or skin sensitization

Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.





Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
IARC Monographs. Overall Evaluation of Carcinogenicity	Not listed
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	Not regulated
US. National Toxicology Program (NTP) Report on Carcinogens	Not listed
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction
Specific target organ toxicity - single exposure	Not applicable.
Specific target organ toxicity - repeated exposure	Not applicable.
Aspiration hazard	Not applicable.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects

Product	Species	Test Results
TIDY PEARL 2		
Aquatic		
Acute	LC5	Fish
Fish	0	
9.80	93 mg/l	96 hours estimated

Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	No data available.
Mobility in soil	No data available
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.





13. Disposal considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused	<p>Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).</p> <p>Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.</p>

14. Transport information

DOT	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods.
IMDG	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available
DOT: IATA; IMDG	

15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	
Diethanolamine (CAS 111-42-2)	Not listed.
SARA 304 Emergency release notification	Not regulated
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	Not regulated.
Superfund Amendments and	





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Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard Categories Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 (TRI reporting) Not regulated

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated

Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130) Not regulated

Safe Drinking Water Act (SDWA) Not regulated

Listed date/Carcinogenic substance Diethanolamine (CAS 111-42-2)

Listed date/Developmental toxin Listed: June 22, 2012

California Proposition 65 – CRT 1,4-dioxane (CAS 123-91-1) Listed date/Carcinogenic substance
Listed: January 1, 1988

Acetaldehyde (CAS 75-07-0) Listed: April 1, 1988

Ethylene oxide (CAS 75-21-8) Listed: July 1, 1987

Formaldehyde (CAS 50-00-0) Listed: January 1, 1988

California Proposition 65 – CRT Listed date/Developmental toxin

Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

Methanol (CAS 67-56-1) Listed: March 16, 2012

California Proposition 65 – CRT Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

California Proposition 65 – CRT Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009





International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory (NZIoC)	No
Philippine	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	02-05-2018
Revision date	02-05-2023
Version #	04
Disclaimer	Terms and Conditions. This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subject to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any





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Revision information

Identification: Recommended restrictions Hazard(s) identification:
Disposal Hazard(s) identification: Response
Hazard(s) identification: Supplemental information Composition /
Information on Ingredients: Disclosure Overrides Physical &
Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory information: California Proposition 65
HazReg Data: International Inventories GHS: Classification

