



SAFETY DATA SHEET

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07-Feb-2023

Revision Date
30-Aug-2024

Version
1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Natural-Therm® Marine Spray

Synonyms Natural Therm 2250 Marine Foam

Product Code OCNP00018

Manufacturer Address Natural Polymers, LLC , a subsidiary of Owens Corning
14438 E North Ave
Cortland, IL 60112

Company Phone Number 1-800-GET-PINK or 1-800-438-7465

24 Hour Emergency Phone Number Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393

Emergency Telephone 1-419-248-5330 (after 5 pm ET and weekends)

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Gases)	Category 4
Serious eye damage/eye irritation	Category 2A

Label elements

Warning

Hazard statements

Harmful if swallowed
Harmful if inhaled
Causes serious eye irritation



Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

- Call a POISON CENTER or doctor/physician if you feel unwell
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

Precautionary Statements - Disposal • Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC) • Not applicable

Unknown acute toxicity • No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Components

Chemical name	CAS No.	Weight-%	Trade Secret
TCPP	13674-84-5	5-10	*
2,2'-oxydiethanol	111-46-6	<10	*
Surfactant	Proprietary	2-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance.

Eye contact

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
- Remove contact lenses, if present and easy to do. Continue rinsing
- Protect uninjured eye.
- Seek immediate medical attention, preferably from an ophthalmologist.

Skin contact

- Remove contaminated clothing and shoes
- Rinse skin with copious amounts of water [shower] for several minutes.
- Wash contaminated clothing before reuse
- Get medical attention if irritation develops and persists

Inhalation

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
- If breathing is difficult, give oxygen
- If breathing has stopped, give artificial respiration. Get medical attention immediately
- (Get medical attention immediately if symptoms occur.)

Ingestion

- If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center.
- Rinse mouth with water (only if the person is conscious)
- Stop if the exposed person feels sick as vomiting may be dangerous.
- (Get medical attention immediately if symptoms occur.)

Most important symptoms and effects, both acute and delayed

- Skin contact may result in redness, pain, burning, and inflammation.
- Eye contact may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision.
- Effects are dependent on exposure (dose, concentration, contact time).

Note to physicians

- Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

- Water spray (fog)
- Carbon dioxide (CO₂)
- Dry chemical
- Alcohol resistant foam

Unsuitable extinguishing media	<ul style="list-style-type: none">• DO NOT use water jet, it may spread the fire.
Specific hazards arising from the chemical	<ul style="list-style-type: none">• Thermal decomposition can lead to release of irritating and toxic fumes and gases.• Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes
Explosion data	
Sensitivity to Mechanical Impact	• No
Sensitivity to Static Discharge	• No
Protective equipment and precautions for firefighters	<ul style="list-style-type: none">• As in any fire, wear self-contained breathing apparatus (SCBA) in positive pressure mode and full fire-fighting protective gear.• Avoid breathing dust/fume/gas/mist/vapors/spray• Move containers from fire area if you can do it without risk• Cool containers with flooding quantities of water until well after fire is out• Avoid unnecessary run-off of extinguishing media which may cause pollution.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	<ul style="list-style-type: none">• Use personal protections recommended in Section 8• Avoid contact with skin, eyes or clothing• Avoid breathing dust/fume/gas/mist/vapors/spray• DO NOT walk through spilled material.• Wash thoroughly after handling
Environmental precautions	<ul style="list-style-type: none">• Prevent further leakage or spillage if safe to do so• Prevent from reaching drains, sewers and waterways.• Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Methods for containment	<ul style="list-style-type: none">• Do not touch damaged containers or spilled material unless wearing appropriate protective clothing• Perform without risk.• Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.
Methods for cleaning up	<ul style="list-style-type: none">• Clean and neutralize spill area, tools and equipment by washing with water and soap.• Absorb, restate and add to the collected waste.• Waste must be classified and labeled prior to recycling or disposal.• Dispose of waste as indicated in Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling	<ul style="list-style-type: none">• Use personal protections recommended in Section 8• Provide adequate ventilation• Do not taste or swallow.• Avoid contact with skin, eyes or clothing• Avoid breathing mist/vapor/spray.• When using, do not eat, drink or smoke.• Wash hands, forearms and face after handling.
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Conditions for safe storage, including any incompatibilities

Storage Conditions

- Keep containers tightly closed in a dry, cool and well-ventilated place
- Protect from direct sunlight
- Keep away from food and beverages.
- Protect from freezing and physical damage.
- Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)
- Do not store near incompatible materials (see Section 10)

Incompatible materials

- Strong oxidizing agents
- Strong acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Propan-2-ol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

Engineering Controls.

Showers
Eyewash stations
Ventilation systems
Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Individual protection measures, such as personal protective equipment**Eye/face protection**

- Wear safety glasses with side shields (or goggles)
- Wear face shield if splash hazard exist
- Ensure compliance with OSHA's PPE standard(29 CFR 1910.132 and .133) for eye and face protection.

Skin and body protection

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Gloves must be inspected prior to and during the use.
- It should be noted that the time to breakthrough for any glove material may be different for different glove manufactures. Protection time for the mixtures may not be accurately estimated.
- Avoid contact with used gloves.
- Remove contaminated clothing and used gloves properly to avoid any skin contact.
- Full body protection shall be worn. PPE selection should be based on the task being performed and risks involved. Approval by a specialist before handling is necessary.
- National standards for the PPEs associated with using this product shall be met.

Respiratory protection

- If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

General hygiene considerations

- Do not eat, drink or smoke when using this product
- Wash hands after handling, before breaks, and at the end of the workday.
- Avoid contact with skin, eyes or clothing
- Wash contaminated clothing before reuse
- Perform routine housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Liquid
Odor	Aromatic
Color	Yellow
pH value	7.0-9.0
Melting point / freezing point	No data available
Boiling point / boiling range	No data available
Flash point	: > 200 °F
Evaporation rate	No data available
Autoignition temperature	No data available
Viscosity	150-250 cP at 77 °F (25°C) (Kinematic viscosity)
Specific Gravity	1.08-1.12 g/cc

10. STABILITY AND REACTIVITY

Reactivity	• Not reactive under recommended handling and storage conditions.
Chemical stability	• Stable under recommended handling and storage conditions.
Possibility of Hazardous Reactions	• No hazardous decomposition under normal conditions of storage and use
Conditions to avoid	• Incompatible materials
Incompatible materials	• Strong oxidizing agents • Strong acids
Hazardous Decomposition Products	• In a fire, product will give off irritating fumes (CO, CO ₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information No data available

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
HFO blowing agent	-	-	> 690 mg/L (Rat) 4 h
Crosslinker	-	> 2000 mg/kg (Rat)	-
Trade Secret	= 2830 µL/kg (Rat) > 64 mL/kg (Rat)	> 2000 mg/kg (Rat)	-
TCP	= 1500 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5.05 mg/L (Rat) 4 h
13674-84-5	= 12565 mg/kg (Rat)	= 11890 mg/kg (Rabbit)	> 4600 mg/m ³ (Rat) 4 h
2,2'-oxydiethanol 111-46-6	-	= 1220 mg/kg (Rabbit) = 1171 mg/kg (Rabbit)	-
Amine Catalyst #1	= 1310 mg/kg (Rat)	-	-
Trade Secret	> 3200 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.3 mg/L (Rat) 6 h
Trade Secret	> 2000 mg/kg (Rat)	= 4.29 mL/kg (Rabbit)	-
Amine Catalyst #2	-	1000 - 2000 mg/kg (Rabbit)	-
Alkyl Tin Catalyst			

Polyethylene Glycol 25322-68-3	= 22 g/kg (Rat)	> 20 g/kg (Rabbit)	-
Propan-2-ol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available

Chemical name	ACGIH	IARC	NTP	OSHA
Propan-2-ol 67-63-0	-	Group 3	-	-

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Chemical name	Algae/aquatic plants	Fish	Crustacea
HFO blowing agent	-	76.1: 96 h Oryzias latipes mg/L LC50 semi-static	-
TCPP 13674-84-5	45: 72 h Desmodesmus subspicatus mg/L EC50 4: 96 h Pseudokirchneriella subcapitata mg/L EC50	56.2: 96 h Brachydanio rerio mg/L LC50 static 98: 96 h Pimephales promelas mg/L LC50 static 30: 96 h Poecilia reticulata mg/L LC50 static	63: 48 h Daphnia magna mg/L EC50
2,2'-oxydiethanol 111-46-6	-	75200: 96 h Pimephales promelas mg/L LC50 flow-through	84000: 48 h Daphnia magna mg/L EC50
Trade Secret	-	1.55: 96 h Pimephales promelas mg/L LC50 static	1.46: 48 h Daphnia magna mg/L EC50
Amine Catalyst #2	-	0.256: 96 h Danio rerio mg/L LC50 semi-static	-
Propan-2-ol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	13299: 48 h Daphnia magna mg/L EC50

Persistence and degradability Formulation data is not available.

Bioaccumulation Formulation data is not available.

Chemical name	Partition coefficient
HFO blowing agent	2.3
TCPP 13674-84-5	2.68
2,2'-oxydiethanol 111-46-6	-1.98
Amine Catalyst #1	>=0 - 0.05
Trade Secret	5.669
Alkyl Tin Catalyst	3.11
Propan-2-ol 67-63-0	0.05

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging	Do not reuse container

14. TRANSPORT INFORMATION

Note:	• Not regulated.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
TCP 13674-84-5	X	X		X		X	X	X	X	X
2,2'-oxydiethanol 111-46-6	X	X		X		X	X	X	X	X
Surfactant	X	X				X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US 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 Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values %
Trade Secret -	1.0
Propan-2-ol - 67-63-0	1.0

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
2,2'-oxydiethanol 111-46-6	-	-	X
Propan-2-ol 67-63-0	X	X	X

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Creation Date 07-Feb-2023
Revision Date 30-Aug-2024
Revision Note No information available

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

End of Safety Data Sheet