OVER 5 TRILLION PIECES OF PLASTIC CURRENTLY LITTER THE OCEAN

ABOUT THE OCEAN CLEANUP

The Ocean Cleanup develops advanced technologies to rid the world’s oceans of plastic. Founded in 2013 by Boyan Slat (23), The Ocean Cleanup now employs approximately 75 engineers and researchers. The foundation is headquartered in Delft, the Netherlands. Instead of going after plastic debris with vessels and nets – which would take many thousands of years and billions of dollars to complete – The Ocean Cleanup is designing a fleet of extremely long floating screens that will remain in the water to act like an artificial coastline, enabling the ocean to concentrate the plastic using its own currents. Once fully operational, this fleet of passive collection systems is expected to remove 50% of the Great Pacific Garbage Patch in 5 years’ time. After fleets of systems are deployed into every ocean gyre, combined with source reduction, the Ocean Cleanup projects to be able to remove 90% of ocean plastic by 2040.

IN SUPPORT OF THE OCEAN CLEANUP, CELLTREAT WILL DONATE A PERCENTAGE OF SALES TO ADVANCE THE PROJECT

Trash accumulates in 5 ocean garbage patches, the largest one being the Great Pacific Garbage Patch, located between Hawaii and California. If left to circulate, the plastic will impact our ecosystems, health and economies. Solving it requires a combination of closing the source, and cleaning up what has already accumulated in the ocean.

How Plastic at Sea Turns Into Toxic Fish Food

180x MORE PLASTIC THAN BIOMASS AT THE SURFACE OF THE GREAT PACIFIC GARBAGE PATCH

287x DURING DAY TIME

108x DURING NIGHT TIME

84% OF PLASTIC SAMPLES HAD AT LEAST ONE CHEMICAL POLLUTANT IN EXCESS

Plastic vs Food Ratios Found Inside The Stomach of Common North Pacific Subtropical Gyre Surface Feeders

At CELLTREAT, we recognize our responsibility to conduct our business in a social responsible manner, and to contribute to organizations that positively support the environment and our community.

For each case of CELLTREAT product that is purchased, a portion of the proceeds will benefit environmental initiatives supported by CELLTREAT Scientific Products.
THE GREAT PACIFIC GARBAGE PATCH IN NUMBERS

**CONCENTRATION**

The GPP holds ocean plastic concentrations ranging from 10a to 100a kg per km²

**MEASURES**

1.6 MILLION KM²

2x THE SIZE OF TEXAS

3x THE SIZE OF FRANCE

**MASS & COUNT**

80,000 TONS OF PLASTIC

FLOAT IN THE GPP, EQUIVALENT TO 116 PIECES OF DEBRIS FOR EVERY HUMAN IN THE WORLD

1.8 TRILLION PIECES

EQUIVALENT TO 1.8 PIECES OF DEBRIS FOR EVERY HUMAN IN THE WORLD

**MASS DISTRIBUTION**

- 8% MICROPLASTICS
- 26% NANOPLASTICS
- 53% MACROPLASTICS
- 13% MESOPLASTICS

**COUNTS**

- 94% MICRONECTA
- 6% MACRONECTA

99% OF EVERYTHING IS PLASTIC

46% OF THE TOTAL MASS IS MADE OF DISCARDED FISHING GEAR

**REFERENCE**

Law et al., 2016. Oceanic plastic debris: Inputs, accumulation and impacts.

**PRODUCTION DATE OF THIS PLASTIC CRATE FOUND FLOATING IN THE GPP BY THE OCEAN CLEANUP RESEARCHERS**

1977

Plastic samples collected during The Ocean Cleanup’s Mega Expedition, 2015

A selection of large objects observed in the Great Pacific Garbage Patch during the Aerial Expedition

A bird surrounded by ocean plastic on the Northwestern Hawaiian Islands

Find out more on www.theoceancleanup.com/great-pacific-garbage-patch

20 Mill Street, Unit 130 | Pepperell, MA 01463
Phone: 877.345.4620 | Email: service@celltreat.com