THE PRODUCT

A Life Cycle Assessment

of

Brown Sugar & Coconut Butter Exfoliating Body Polish *by Dove*

> Ahead of the game, we banned [microbeads] right back in 2014 as an immediate response to concerns that plastic particles were building-up in our oceans and lakes and damaging the environment. They were replaced in our exfoliating products with natural ingredients that are safe for the environment and your skin, such as coconut shell, apricot kernels and kiwi seeds.

Dove Company

Chemicals

Solvents, surfactants & **frangrance** are used to formulate the scrub's liquid solution

Exfoliator

The body polish contains brown sugar for **physical exfoliation**

Packaging

The scrub is packaged in **plastic screw-top jars**

THE INVENTORY

PRODUCTION

Traditionally, body scrubs are made with plastic microbeads that serve as a physical exfoliant. Dove's body polish is produced with **brown sugar** as an alternative for this component. Altogether, the scrub is made with **32 ingredients**. Prepared for our use, the product is packaged in **100% recycled plastic.**

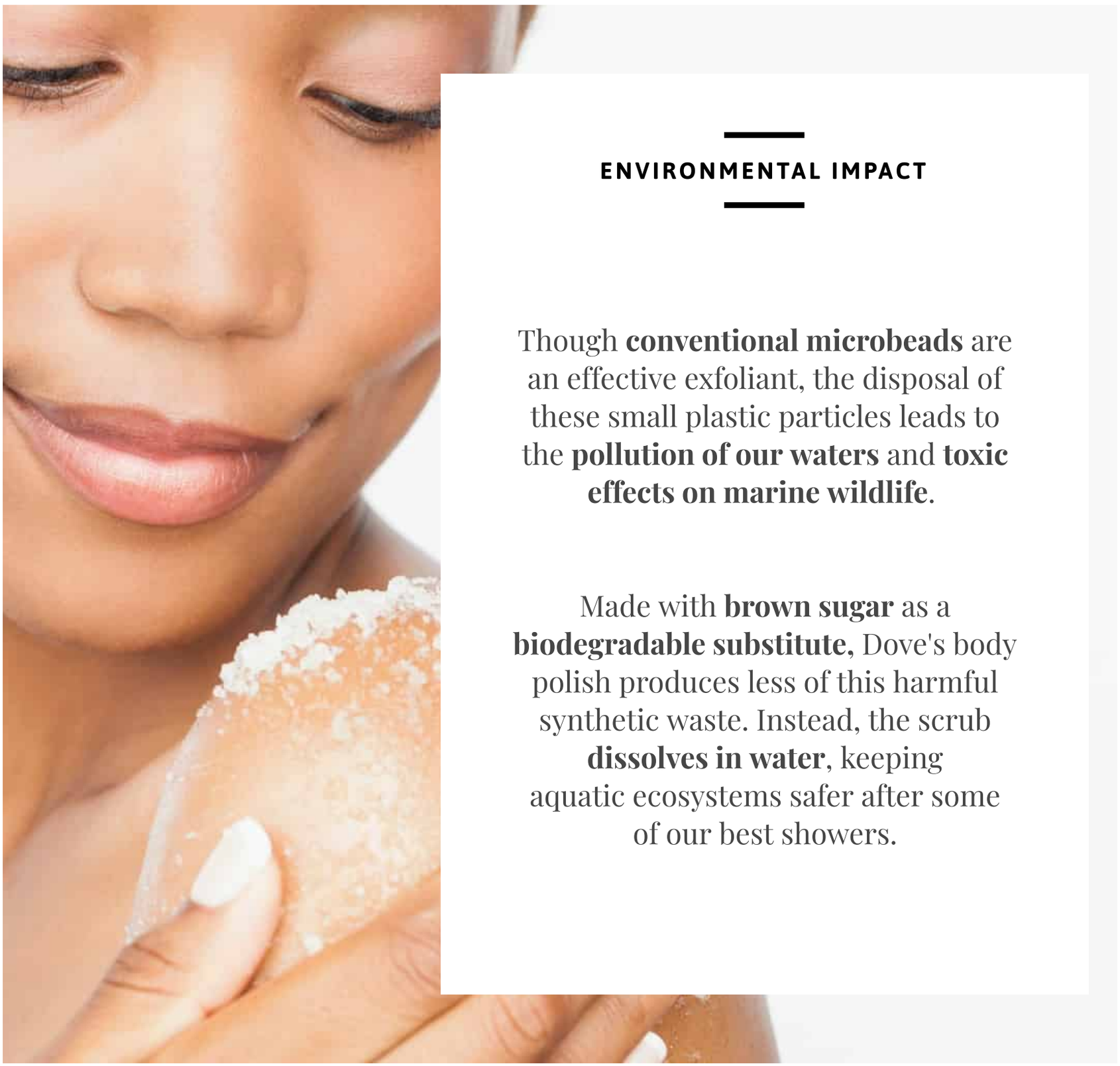
DISTRIBUTION

In line with Dove's initiatives toward reducing their carbon footprint, some units of the product are transported to retailers through greener systems, such as **railways** instead of trucks, and vehicles that run on **lower-emission fuels** like liquid nitrogen gas (LNG). Others are moved through **traditional modes** of

CONSUMPTION

At its use, the product makes its way down our drains, through our sewers, and into our surounding **aquatic ecosystems**.

delivery.



ENVIRONMENTAL IMPACT

Though **conventional microbeads** are an effective exfoliant, the disposal of these small plastic particles leads to the **pollution of our waters** and **toxic effects on marine wildlife**.

Made with **brown sugar** as a **biodegradable substitute,** Dove's body polish produces less of this harmful synthetic waste. Instead, the scrub **dissolves in water**, keeping aquatic ecosystems safer after some of our best showers.

“At Dove, we believe in care that goes further: for our consumers as well as our planet. We are passionately committed to being one of the brands making the **biggest impact against plastic waste**. We know we’re not perfect, but we can’t afford to wait. We’re working to have the biggest positive impact we can, as quickly as we can, and empowering others to do the same.”

- Marcela Melero,
Dove Global Skin Cleansing Vice President

SOURCES

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