

PGC DAY 9: BODY
GREENER challenge

KNOW
WHAT'S
IN
YOUR
PRODUCTS.

ECOLOGICAL EARTHLINGS

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*One product
we can't
live without...*



Jennifer and Audrey use the Neutrogena Oil-Free Acne Wash every morning to wash their faces.

The Ingredients:

Dirty Meter [™]		Ingredients (62)	Our Picks [♥] (11)
DIRTY	HALF N' HALF	CLEAN	
FRAGRANCE	9	ACRYLATES COPOLYMER	3
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POLYETHYLENE	7	CHONDRUS CRISPUS (CARRAGEENAN)	3
POLYETHYLENE	7	CHONDRUS CRISPUS (CARRAGEENAN)	3
SALICYLIC ACID	4	DISODIUM EDTA	3
SALICYLIC ACID	4	DISODIUM EDTA	3
SODIUM C14-16 OLEFIN SULFONATE	3	COCAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	3
SODIUM C14-16 OLEFIN SULFONATE	3	COCAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	3
COCAMIDOPROPYL BETAINE	3	POLYSORBATE 20	3
COCAMIDOPROPYL BETAINE	3	RED 40	1
PROPYLENE GLYCOL	3	RED 40	1
PROPYLENE GLYCOL	3	GLYCERIN	0
BENZOTRIAZOYL BUTYLPHENOL SULFONATE	3	GLYCERIN	0
BENZOTRIAZOYL BUTYLPHENOL SULFONATE	3	C12-15 ALKYL LACTATE	0
MICA	3	C12-15 ALKYL LACTATE	0
MICA	3	ASCORBYL PALMITATE	0
TITANIUM DIOXIDE	3	ASCORBYL PALMITATE	0
TITANIUM DIOXIDE	3	POLYVINYL ALCOHOL	0
VIOLET 2	3	POLYVINYL ALCOHOL	0

overall hazard rating:



Neutrogena

Neutrogena Oil-Free Acne Wash
Foaming Scrub, Pink Grapefruit

10[?]

Dirty Meter[®]

Ingredients (62)

Our Picks ♥ (11)

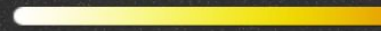
DIRTY *meter*

NEUTRAL
0-2

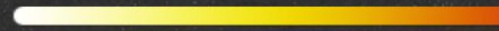
HALF
N' HALF
3-6

DIRTY
7-10

Carcinogenicity



Developmental &
Reproductive toxicity



Allergies &
Immunotoxicities



A **carcinogen** is any substance that causes cancer. Carcinogenicity promotes tumor growth and has documented links to breast cancer.

This product can disrupt hormones, act as a systemic toxin, neurotoxin, and may cause blindness near the eyes.

This product is an asthma trigger, immunotoxin, and allergen.

hazardous ingredients:

FRAGRANCE

9

The most hazardous ingredient we found in this product was **fragrance**. Fragrance has health impacts like disrupting hormones and causing allergies. It also has harmful constituents such as phthalates.

POLYETHYLENE 7

POLYETHYLENE 7

SALICYLIC ACID 4

SALICYLIC ACID 4

Polyethylene is a thermoplastic polymer and has a extremely large range of applications. It makes up the microbeads in many facial products to exfoliate skin.

Unfortunately , these plastics are too small to be caught in wastewater plants and are many times ingested by sea animals. On top of this, polyethylene is non biodegradable.

Salicylic acid is one of the most important treatments for acne on oily skin.

Our sustainable alternative...



Name: Pore clarifying facial scrub

Brand: Acure Organics

Ingredients:

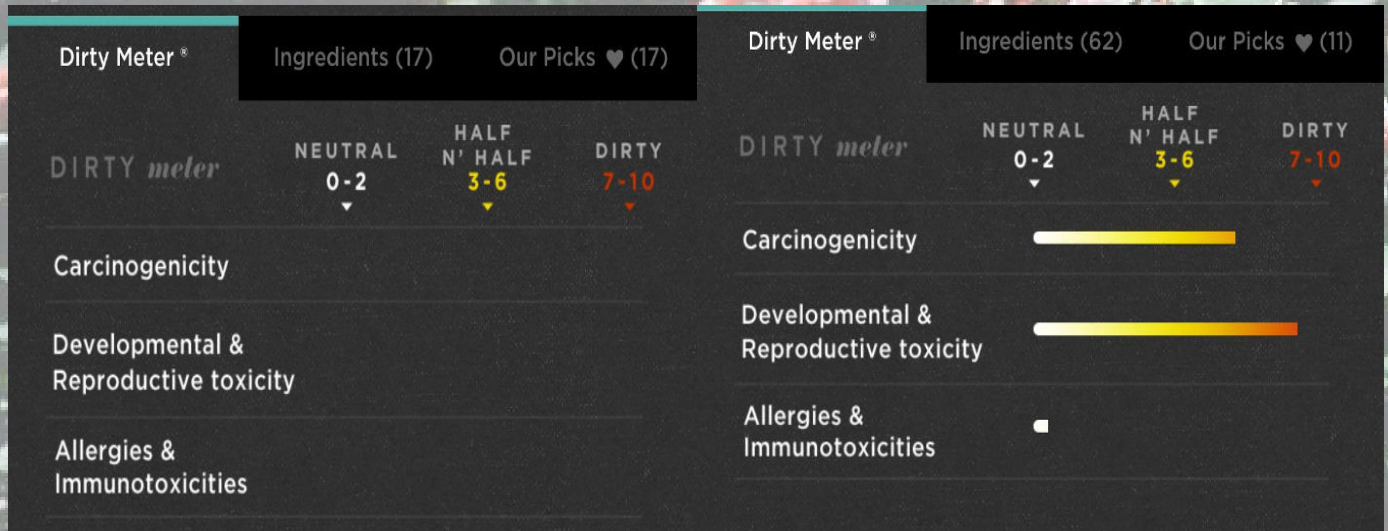
Ingredient	Score
CELLULOSE GUM	0
HYDROGENATED SIMMONDSIA CHINENSIS (JOJOBA) OIL	0
SODIUM METHYL COCOYL TAURATE (FROM COCONUT)	N/R
SODIUM LAUROAMPHOACETATE (FROM COCONUT)	N/R
SODIUM COCOYL ISETHIONATE (FROM COCONUT)	N/R
KAOLINITE (MOROCCAN RED CLAY)	N/R
CHLORELLA PYRENOIDOSA (CHLORELLA GROWTH FACTOR) EXTRACT	N/R
HYDROGENATED RICINUS COMMUNIS (CASTOR) OIL	N/R
CARRAGEENAN	3
SODIUM LAUROYL LACTYLATE	3
GLYCERYL LAURATE	3
SODIUM PCA	3
CITRUS LIMON (LEMON) PEEL	2
PURIFIED WATER	0
ORGANIC ALOE BARBADENSIS	0
ALOE VERA LEAF JUICE	0
GLYCERIN	0
CELLULOSE GUM	0

Where: Target

Cost: \$12.99

Why is this item safer and healthier?

1. Its overall hazard rating for the Acure wash is 3, while the Neutrogena wash is 10.
2. The Acure wash shows no side effects on the dirty meter, while the Neutrogena wash has high numbers on the meter.



Will we make the switch?

YES! We will definitely make the switch. Now we know that conventional products that we use daily can have extremely harmful effects on you and your body. Organic is the new way to go for us.

WHY YOU SHOULD CHOOSE ORGANIC SKIN CARE PRODUCTS OVER CONVENTIONAL.



TOXIC

Can cause cancer and absorption of toxic products like heavy metals. Also has tons of ingredients that are bad for you and the environment.

MISLEADING

Even though some of Neutrogena's products have "not tested on animals" on its labels, the company also sells in China, where animal testing is mandatory.

BAD FOR ENVIRONMENT

This face wash, along with many others from Neutrogena, contains polyethylene microbeads for exfoliation. Unfortunately, these beads are not biodegradable and disrupts ecosystems when ingested by fish and other small animals.



NON-TOXIC

Certified organic doesn't contain petrochemicals, synthetic fragrances or colors, sodium lauryl sulphate, sodium laureth sulphate, PEGS or potentially harmful preservatives.

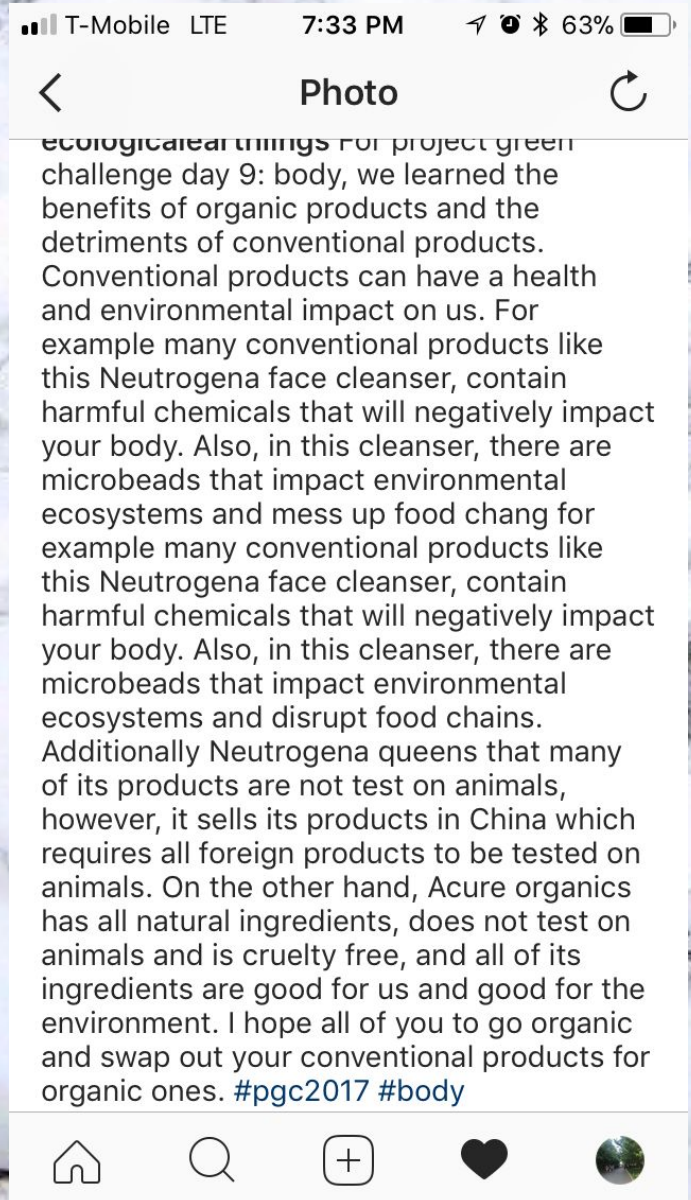
ETHICAL

Acure is cruelty free, no testing is done on animals.

ECO-FRIENDLY

Acure is a small family owned and operated company founded on sustainable principles to provide the highest quality natural and certified organic personal care. Acure uses biodegradable packaging and doesn't use the kinds of ingredients that can make their way into the water supply and wreak environmental havoc — such as microbeads.

SOCIAL MEDIA POST



CONCLUSION:

Today we found out that one skin care product we use in our everyday lives has many serious health and environmental consequences. The chemical components of many products don't break down and instead accumulate in our ecosystems, harming our environment. Most of the damage is done when we wash our face or body and these chemicals are washed down our sinks, which are then streamed to our lakes, rivers, and the water systems. Therefore, society as a whole needs to be more aware about what exactly we are using, and not only see a nice commercial of a product and assume it is good for you & good for the environment. We need to spread awareness about what goes beyond our everyday skin cleansers and realize every action affects our future.

**KNOW WHAT'S IN
YOUR PRODUCTS.**