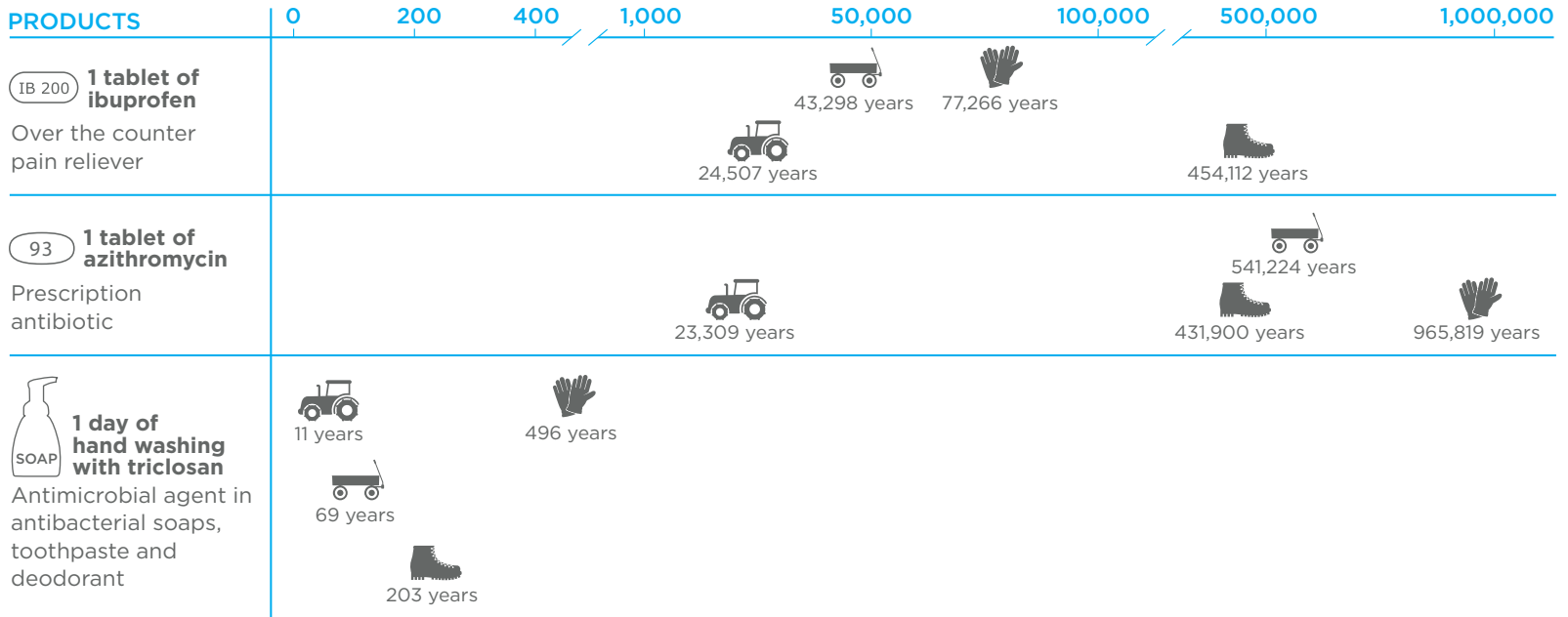


# WHAT'S THE RISK?

It would take many lifetimes of working or playing around biosolids or compost made with biosolids to equal everyday exposure to many common products.

Number of **YEARS** of contact with biosolids or compost made with biosolids required to reach the equivalent of one dose or exposure.



- LEGEND**
- Gardener
  - Child
  - Hiker
  - Agricultural worker

## WHAT IS A RISK ANALYSIS?

A risk analysis estimates the risk to human health by examining how harmful a chemical is (toxicity) and the amount of contact with that chemical (exposure).

$$\text{RISK} = \text{TOXICITY} \times \text{EXPOSURE}$$

Chemicals with high toxicity and high exposure have higher risk, while chemicals with low toxicity and low exposure have lower risk.

This risk analysis followed the United States Environmental Protection Agency (U.S. EPA) risk assessment methodology.

## WHAT ABOUT FOOD?



For this analysis, wheat fertilized with biosolids was tested for more than 80 chemicals and none were found in the wheat grain.

