



CHEMIS-TREE OF CHRISTMAS!

CHRISTMAS TREES

Fertilizers, containing ammonium nitrate, keep Christmas trees beautiful all season.

Christmas lights are made of melted down silica that is formed into a bulb. The bulb is put around the filament of the light and coated with polyvinyl chloride (PVC) which helps electricity run through the wire without burning anything.

Ornaments are commonly made of a plastic called styrene, and the world's largest producer operates in Carville, Louisiana.

From the boxes used to package **gifts** to the paper used to wrap them, Louisiana is home to one of the world's largest producers of pulp and packaging. Elastomers are combined with natural rubber to make adhesives for tape that hold these packages together.

Toys at Christmas are made possible by plastics! From Barbie dolls to Legos, these toys are made of common plastics such as polyethylene, polypropylene, and acrylonitrile.



DECORATIONS

Snow globes are made from a compound called benzoic acid that is dissolved in hot water and forms snow-like flakes as it cools down.

Tinsel is made from polyvinyl chloride (PVC) and then coated with a metallic finish.

Christmas inflatables are made of nylon, which contains butadiene.



FLAVORS & SCENTS



Candles are made of paraffin waxes. Pinene and bornyl acetate are two compounds that produce the pine scent in your favorite Christmas candles.

Gingerbread gets its flavor from the compound gingerol. When gingerol is cooked, it releases zingerone that gives gingerbread its sweet and spicy flavor.

Candy canes get their minty flavor from menthol.