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› NATIONAL GEOGRAPHIC Amazing Chemistry Set - User Manual

Blue Marble NGMEGACHEMAR

NATIONAL GEOGRAPHIC Amazing Chemistry Set - User Manual

Model: NGMEGACHEMAR

INTRODUCTION

Welcome to the exciting world of chemistry with your NATIONAL GEOGRAPHIC Amazing Chemistry Set! This manual provides essential information for setting up, operating, and maintaining your kit to ensure a safe and educational experience. Designed for young scientists aged 8 and up, this kit offers over 100 engaging experiments to explore chemical reactions, crystal growth, and more.

SAFETY INFORMATION

WARNING:

This chemistry set is intended for children 8 years and up. Adult supervision is required for all experiments. Always read and follow all instructions and safety precautions before beginning any experiment. Keep all chemicals and equipment out of reach of younger children and pets.

SETUP

Before starting your experiments, ensure all components are present and in good condition. Unpack the kit carefully and familiarize yourself with the contents.



Image: The complete National Geographic Amazing Chemistry Set, including the main box, experiment guides, and various components for experiments.



Image: A detailed view of all included materials, such as fizzy coloring tablets, water jelly crystals, baking soda, sodium carbonate, zinc sulfide, red cabbage powder, calcium chloride, test tubes, beakers, pipettes, and safety goggles.

Refer to the "What's in the Box" section for a complete list of included items. Ensure you have a clean, flat workspace and any additional household items required for specific experiments, as noted in the experiment guide.

WHAT'S IN THE BOX

- Everything Included for 15 experiments
- Hide and Reveal a Secret Message
- Create Color-Changing Solutions
- Cause a Fizzy Reaction
- Change the Color of Liquid with your Breath
- Watch a Test Tube Glow

- Build a Bouncy Ball
- Create Goopy Glowing Worms
- Grow Crystals on a Tree
- Bonus Guide with 85+ Additional Experiments

OPERATING INSTRUCTIONS

The NATIONAL GEOGRAPHIC Amazing Chemistry Set provides over 100 exciting experiments. Always follow the step-by-step instructions provided in the main Experiment Guide and the Bonus Guide for additional experiments.



100+ AMAZING SCIENCE EXPERIMENTS!



Image: Examples of experiments including revealing hidden messages and growing crystals on a tree, demonstrating the diverse activities within the kit.



100+ AMAZING SCIENCE EXPERIMENTS!



Image: Visuals of a glowing test tube and glowing worms, highlighting some of the more visually striking experiments.

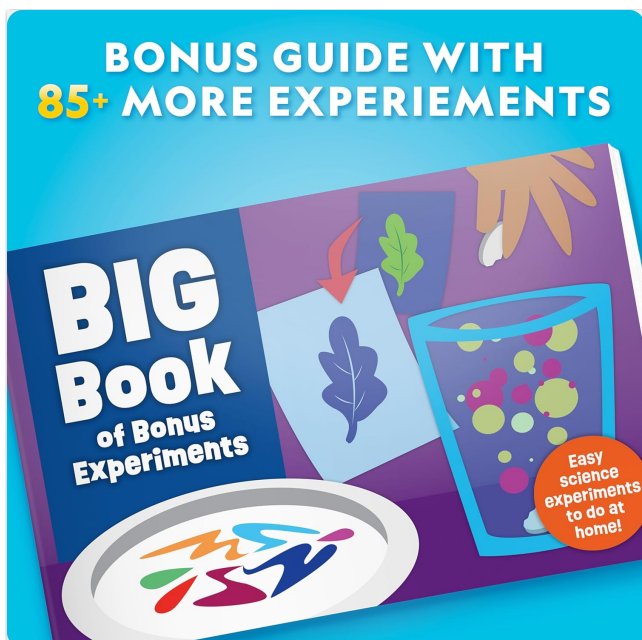


Image: A page from the experiment guide illustrating the pH scale and providing a "Scientist Tip" for proper cleaning of equipment.

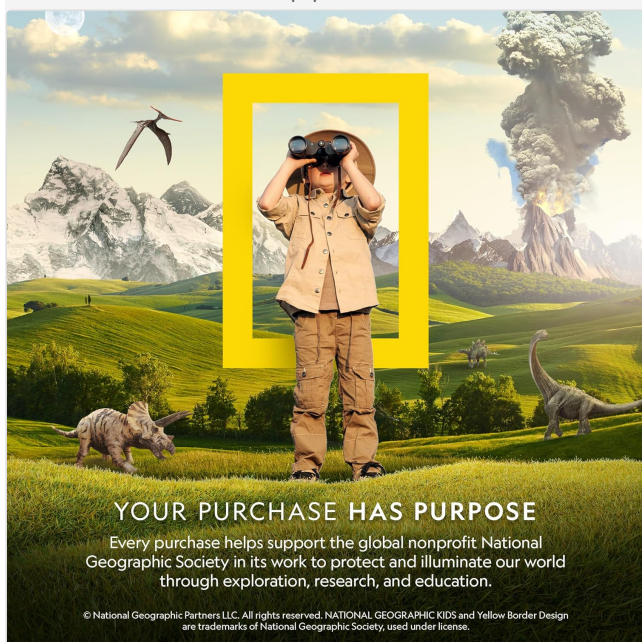


Image: The "BIG Book of Bonus Experiments" cover, indicating additional experiments that can be performed with common household items.

Each experiment is designed to be educational and fun. Pay close attention to the required quantities and mixing instructions. Always wear appropriate safety gear, such as the included safety goggles, when conducting experiments.

No official product videos from the seller were available for embedding in this manual.

MAINTENANCE

Proper maintenance ensures the longevity of your chemistry set and the accuracy of future experiments. After each use, thoroughly clean all beakers, cups, test tubes, and spoons with soap and water. Ensure they are completely dry before storing to prevent contamination or damage to materials.

Store all chemicals and components in their original containers in a cool, dry place, away from direct sunlight and out of reach of young children and pets. Dispose of any waste materials according to local regulations and the instructions in the

experiment guide.

TROUBLESHOOTING

While the experiments are designed for success, sometimes results may vary. Here are some common troubleshooting tips:

- **Experiment Not Working:** Double-check that you have followed all instructions precisely, including ingredient quantities and mixing order. Ensure all equipment is clean and free from contaminants.
- **Missing Ingredients/Components:** Verify the contents against the "What's in the Box" list. If an item is genuinely missing, please contact customer support.
- **Slow Reactions/No Reaction:** Ensure the environment is at an appropriate temperature as some reactions are temperature-sensitive. Verify the freshness of any household ingredients used.
- **Safety Concerns:** If any unexpected or unsafe reaction occurs, immediately stop the experiment, move to a well-ventilated area, and consult the safety information or seek adult assistance.

SPECIFICATIONS

Feature	Detail
Product Dimensions	11.81 x 8.66 x 3.15 inches
Item Weight	1.74 pounds
Country of Origin	China
ASIN	B093CPZYR8
Item Model Number	NGMEGACHEMAR
Manufacturer Recommended Age	8 years and up
Release Date	June 18, 2021
Manufacturer	JMW Sales, Inc.

WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For any questions regarding product warranty, missing parts, or technical support, please contact Blue Marble customer service directly. You can typically find contact information on the product packaging or the official Blue Marble website.

For more information about Blue Marble products, visit the [Blue Marble Store on Amazon](#).