



MODERNWATER

Material Safety Data Sheet

QuickChek SRB Test Kit

MATERIAL IDENTIFICATION

Manufacturer/Distributor:	Modern Water Inc. 15 Read's Way, Suite 100 New Castle, DE 19720
Phone Number:	1-(302)669-6900
Trade Names and Synonyms:	Sulfate Reducing Bacteria Test Kit (SD50950 & SD50951) QuickChek Ten Paks & QuickChek Econo Paks
NFPA Ratings	Health: 1 Flammability: 0 Reactivity: 0

OSHA HAZARD DETERMINATION

Hazardous Ingredients	CAS Number	Weight Percent
Sodium Azide	26628-22-8	≤ 0.05
Animal Proteins	N/A	≤ 0.2

Product is 90% (by weight) deionized water.

The material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200

PHYSICAL DATA

Plastic kit containing small amounts of various liquids and powders.

HAZARDOUS REACTIVITY

Instability

Stable - Reactivity not expected with the product.

FIRE AND EXPLOSION DATA

Fire and Explosion Hazards

Not a fire and explosion hazard.

Extinguishing Media

Use media appropriate for surrounding material.

Special Fire Fighting Instructions

Fire and explosion not expected to be a problem with the product.

HEALTH HAZARD INFORMATION

Primary Route(s) of Exposure/Entry: Skin, Eyes. Wash thoroughly after handling**Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:**

Overexposure to sodium azide can cause skin or eye irritation; other effects may include headache, fall in blood pressure, sweating, weakness, faintness, blurred vision, shortness of breath, flushing of skin, confusion, nausea, decreased blood pressure, fluid buildup in lungs, bronchitis, stuffiness, dizziness or collapse, unconsciousness, heart palpitation, and death from respiratory failure.

Sodium azide produced tumors when given orally to rats; however, the statistical significance was influenced by an abnormally low incidence of tumors in control animals, so sodium azide is not felt to pose a significant carcinogenic hazard.

The protein components (albumin, phosphatase, etc.) may cause an allergic reaction after repeated exposure (symptoms may include hay fever, asthma, and tightness of the chest).

The diatomaceous earth contains crystalline silica, but the small amount of material and low probability of exposure equate to a minimal health hazard. Prolonged and repeated exposure to excessive concentrations of silica may cause pulmonary disease or lung tumors.

Carcinogenicity: None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Applicable Exposure Limits

Sodium Azide

TLV (ACGIH) 0.11 ppm, 0.3 mg/m³ (Ceiling)PEL (OSHA) 0.1 ppm, skin, as HN₃ (Ceiling); 0.3 mg/m³, skin, as NaN₃ (Ceiling)

FIRST AID

- Inhalation** No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.
- Skin Contact** The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.
- Eye Contact** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
- Ingestion** The compound is toxic by ingestion. Call a physician.

PROTECTION INFORMATION

General Control Measures and Precautions: Ventilation - Natural ventilation.

Personal Protective Equipment: Respiratory Protection: None normally required.

Protective Gloves: Are highly recommended.

Eye Protection: Safety glasses are required.

Other Protective Equipment: Lab coat or other long – sleeved garment is required. Access to a safety shower and eyewash station is required.

SPILL, LEAK AND DISPOSAL INFORMATION

Spill, Leak, or Release Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

No special clean up practices are required.

Waste Disposal Dispose of as solid waste in accordance with any applicable federal, state, and local requirements.

SHIPPING INFORMATION

DOT Proper Shipping Name Not DOT regulated.

IATA/IMO Proper Shipping Name Not restricted.

TITLE III HAZARD CLASSIFICATION

Acute No

Chronic No

Fire No

Reactivity No

Pressure No

REGULATORY INFORMATION

OSHA HAZARD DETERMINATION: This material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200

EPA DETERMINATIONS:

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, & LIABILITY ACT (CERCLA/SUPERFUND), 40 CFR 302 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to CERCLA regulations.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, TITLE III (SARA) - SECTIONS 302, 304, 313

SECTION 302/304 - Extremely Hazardous Substances, 40 CFR 355

The material is not known to contain extremely hazardous substances at greater than 1.0% concentration; however, it is possible that this material may contain extremely hazardous substances at lower concentration so that a large enough spill could warrant an Emergency Release Report under Section 304.

SECTION 313 - List of Toxic Chemicals, 40 CFR 372. The material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to toxic chemical release reporting requirements.

TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710

The material is a mixture as defined by TSCA. The chemical ingredients in this material are in the Section 8(b) Chemical Substance Inventory and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, Modern Water, Inc. relies on the assurance of responsible third parties in providing this statement.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPARTS C AND D

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 116.4A, Section 311

The material is not known to contain any ingredient(s) subject to the Act.

HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS, 49 CFR 171-178 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to the Regulations.

FOREIGN REGULATIONS: CANADIAN HAZARDOUS PRODUCTS ACT (WHMIS)

The material is not a WHMIS Controlled Product.

STATE REGULATIONS:**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
("PROPOSITION 65")**

The material is not known to contain any ingredients (s) subject to the Act.

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT

This material is not known to contain any ingredient(s) subject to the Act. Nonhazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of the Pennsylvania Worker and Community Right to Know Act.

The above data are based on tests, experience, and other information which Modern Water Inc. believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Modern Water, Inc., in good faith, relies on information provided by those third parties. Since conditions of use are outside our control, MODERN WATER INC. DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A

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* End of MSDS *

