Material Safety Data Sheet (MSDS)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
Sodium nitrate solution (NaNO₃)
Standard solution (20 mg/L NO₃⁻ as N) for sensor

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SECTION 2: HAZARD IDENTIFICATION
Colorless, odorless liquid.
Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS
Sodium nitrate (7631-99-4) ~0.002% (20 mg/L NO₃⁻ as N), water (7732-18-5) ~99.998%
CAS#: none established

SECTION 4: FIRST-AID MEASURES
Call a physician; seek medical attention for further treatment, observation and support after first aid.
Inhalation: Move person to fresh air at once. If breathing has stopped, give artificial respiration immediately.

_Eyes_: Immediately flush with fresh water for 15 minutes.

_External_: Wash continuously with fresh water for 15 minutes.

_Internal_: Rinse out mouth, give 1 to 2 cups of water or milk, and induce vomiting. Call a physician or poison control center at once.

SECTION 5: FIREFIGHTING MEASURES
Nonflammable, noncombustible liquid

NFPA code: none established
SECTION 6: ACCIDENTAL RELEASE MEASURES
Restrict unprotected personnel from entering area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container. See sections 8 and 13 for further information.

SECTION 7: HANDLING AND STORAGE
Store with amides, nitrates and nitrites.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION
Avoid contact with eyes, skin and clothing. Wear chemical splash safety goggles, chemical-resistant gloves and a chemical-resistant apron.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
Colorless, odorless liquid.
Concentration: 20 mg/L NO₃⁻ as N

SECTION 10: STABILITY AND REACTIVITY
Shelf life: indefinite

SECTION 11: TOXICOLOGICAL INFORMATION
Acute effects: irritant
ORL-RAT LD₅₀: 3,236 mg/kg as sodium nitrate
Chronic effects: N/A
IHL-RAT LC₅₀: N/A
Target organs: blood, central nervous system
SKN-RBT LD₅₀: N/A
N/A = not available; not all health aspects of this substance have been fully investigated.

SECTION 12: ECOLOGICAL INFORMATION
Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS
Please consult with state and local regulations.

SECTION 14: TRANSPORTATION INFORMATION
Shipping name: not regulated
Hazard class: N/A
UN number: N/A
N/A = not applicable

SECTION 15: REGULATORY INFORMATION
Not listed.
SECTION 16: OTHER INFORMATION

This Material Safety Data Sheet (MSDS) is for guidance and is based on information and tests believed to be reliable. 360 Yield Center makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data are offered solely for your consideration, investigation and verification. The data should not be confused with local, state, federal or insurance mandates, regulations or requirements, and CONSTITUTE NO WARRANTY.

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