

**SAFETY DATA SHEET**

GHS format

**SECTION 1 IDENTIFICATION****Product Name:** Nar-Shield Color Coded Cooling Water Treatment**Product Number(s):** 1981**Product Use:** Cooling water treatment **Restrictions on use:** None known**Manufactured by:** North American Research CorporationP.O. Box 1318 519 Huffines Blvd.  
Lewisville, TX 75067 Lewisville, TX 75056**Telephone Numbers:** (972) 492-1800, (800) 527-7520, Fax (972) 394-6755**Emergencies:** Infotrac (24 hours, everyday) (800) 535-5053 (US & Canada) 1 (352) 323-3500 (International)**SECTION 2 HAZARD(S) IDENTIFICATION**

Classification	Category	Symbol(s): No symbols required
This product is not classified as hazardous according to 29CFR 1910.1200.		

**Signal Word:** Not required.**Hazard statement(s):** None required.**Precaution(s):** No specific phrases required.**Other Hazards:** None identified.**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient Name	CAS Registry No.	Weight %
Sodium molybdate	7631-95-0	< 5

If the specific chemical identity and/or the exact percentage of an ingredient is not specified, the information has been withheld as a trade secret.

**SECTION 4 FIRST-AID MEASURES****Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation develops or persists: Get medical advice/attention.**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.**Most important symptoms/effects:** Not determined.**Indication of immediate medical attention and special treatment needed, if necessary:****Notes to physician:** Treat symptomatically.**Specific treatments:** Show this safety data sheet to the doctor in attendance.**SECTION 5 FIRE-FIGHTING MEASURES****Suitable (and unsuitable) extinguishing media:**Water spray . Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).**Specific hazards arising from the chemical:**

None identified.

**Special protective equipment for fire-fighters:** Use appropriate equipment for surrounding fire.**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precaution, protective equipment and emergency procedures:** Keep unnecessary personnel away. Ventilate closed spaces before entering. See Section 8 of the SDS for Personal Protective Equipment.**Methods and materials for containment and cleaning-up:**

Contain liquid to prevent contamination of soil, surface water or ground water. Clean up residual with inert absorbent material and wash with water. Collect material in suitable and properly labeled containers.

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling:** Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.**Conditions for safe storage, including any incompatibilities:** KEEP OUT OF REACH OF CHILDREN. Store in a well-ventilated area. Keep tightly closed in original container.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Appropriate engineering controls:** Provide adequate general and local exhaust ventilation.

**Individual protection measures (PPE):**

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

**Eye protection:** Wear safety glasses with side shields. If splash potential exists, wear full face shield or chemical goggles.

**Hand protection:** Wear suitable protective gloves.

**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory Protection:** Not required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be implemented whenever workplace conditions warrant use of a respirator.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Dark blue liquid	U/L flammability or explosive limits	Not applicable
Odor	Practically odorless	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density	Not determined
pH	7.5 – 8.5	Relative density (specific gravity)	1.02
Melting point/freezing point	Not determined	Solubility(ies)	100%
Initial boiling point and boiling range	Not determined	Partition coefficient: n-octanol/water	Not determined
Flash point	Non combustible	Auto-ignition temperature	Not applicable
Evaporation rate	Not determined	Decomposition temperature	Not determined
Flammability (solid, gas)	Not applicable	Viscosity	Not determined

**SECTION 10 STABILITY AND REACTIVITY**

**Reactivity:** Stable under normal conditions.

**Chemical stability:** Stable under normal temperature conditions and recommended use.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to Avoid:** No data available.

**Incompatible materials:** None known

**Hazardous decomposition products:** None known.

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:**

**Ingestion:** Very low toxicity if swallowed.

**Inhalation:** No data available.

**Eye contact:** May cause eye irritation.

**Skin contact:** Brief contact is essentially non-irritating to skin.

**Symptoms related to the physical, chemical and toxicological characteristics:** Not determined.

**Numerical measure of toxicity, component information:**

Chemical name	CAS	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Product	Mixture	> 5,000 mg/kg (rat)	> 5,000 mg/kg (rabbit)	Data not available

**Acute toxicity:**

**Skin corrosion/irritation:** Not assigned

**Serious eye damage/irritation:** Not assigned.

**Skin sensitization:** Not expected to be a sensitizer.

**Carcinogenicity:** This product is not classified for repeated dose toxicity. This product is not classified as a carcinogen by IARC or U.S. ACGIH, NTP or OSHA. This product has not been shown to produce genetic changes when tested on bacterial or animal cells. This product does not contain known reproductive or developmental toxins.

**Reproductive Toxicity:** No data available.

**Specific target organ toxicity, single exposure:** No data available

**Specific target organ toxicity, repeated exposure:** No data available.

**Chronic effects:** No data available.

**SECTION 12 ECOLOGICAL INFORMATION****Ecotoxicity:** Not expected to be harmful to or demonstrate chronic toxicity to aquatic organisms.**Persistence and degradability:** No information available.**Bioaccumulation potential:** No information available.**Mobility in soil:** No information available.**Other adverse effects:** None known.**SECTION 13 DISPOSAL CONSIDERATIONS****Unused product:** Dispose of container and contents in accordance with local, regional, national and international regulations.**Contaminated containers or packaging:** Dispose of packaging or containers in accordance with local, regional, national and international regulations.**SECTION 14 TRANSPORT INFORMATION**

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT, IMDG, IATA	Not regulated	—	—	—

**SECTION 15 REGULATORY INFORMATION****TSCA:** All components of this product are on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.**CERCLA:** No listed ingredients.**SARA TITLE III:****Section 311/312 Hazard Category:**

Acute: No      Chronic: No      Fire: No      Sudden Release of Pressure: No      Reactive Hazard: No

**Section 313 Reportable Ingredients:** No listed ingredients.**CALIFORNIA (Proposition 65):** No listed ingredients.**SECTION 16 OTHER INFORMATION****Date Prepared:** May. 31, 2015      **Replaces:** Mar. 31, 2005

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