



## Material Safety Data Sheet

### TD-107 Check Solutions (Part numbers NAG2503, NAG2532, NAG2534 and NAG2535)

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#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Name(s):** Check Solution  
**Chemical Name:** Not available  
**Application:** Reagent  
**Company Identification:** NAG Marine  
2511 Walmer Ave.  
Norfolk, VA 23513  
+1 757 852 3998

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Family:** Not available.  
**EINECS#:** Unlisted.  
**Hazard Symbols:** None listed.  
**Risk Phrases:** None listed.

#### 3. HAZARDS IDENTIFICATION

##### **\*\*EMERGENCY OVERVIEW\*\***

Not Available

##### **Potential Health Effects**

**Acute:** Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Chronic:** Not available. Repeated or prolonged exposure is not known to aggravate medical condition.



#### 4. FIRST AID MEASURES

- Eyes:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if symptoms develop.
- Skin:** Flush affected area with water. If symptoms develop, seek medical advice.
- Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. If conscious, wash mouth out with water and give water to drink. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
- Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms develop.
- Notes to Physician:** Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical coordination.

#### 5. FIRE FIGHTING MEASURES

- Flammability of the Product:** None.
- Flash Points:** None.
- Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>).
- Fire Hazards in Presence of Various Substances:** Non-flammable in presence of open flames and sparks of heat. Non-flammable in presence of shocks.
- General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Fire Fighting Media and Instructions:**  
SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.



## 6. ACCIDENTAL RELEASE MEASURES

- General Information:** Use proper personal protective equipment as indicated in Section 8.
- Small Spill:** Flush to drain or sewer with excess water.
- Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## 7. HANDLING AND STORAGE

- Precautions:** Avoid contact with skin and eyes. Do not take internally. Ensure all containers are labeled. Keep containers closed when not in use. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
- Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Exposure limits:** This product does not contain any substance that has an established exposure limit.
- Personal Protection:** Splash goggles. Lab coat. Gloves.
- Personal Protection in case of a large spill:** Splash goggles. Boots. Gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State:** Liquid.
- Color:** Colorless. Clear.
- Odor:** None.
- pH:** 6.5–7.5
- Vapor Pressure:** Same as water.
- Density:** 8.3 lb/gal
- Viscosity:** Not available.



**Boiling Point:** 100°C (212°F).  
**Melting Point:** 0°C (32°F).  
**Specific Gravity:** 1.0 (Water = 1).  
**Solubility in water:** Completely soluble.

#### 10. STABILITY AND REACTIVITY

**Chemical Stability:** This product is stable.  
**Conditions to Avoid:** Freezing temperatures.  
**Incompatibilities with Other Materials:** None known.  
**Hazardous Polymerization:** Will not occur.

#### 11. TOXICOLOGY INFORMATION

**Routes of Entry:** Not available.  
**RTECS#:** Not available.  
**Toxicity to Animals:** Not available.  
**Toxic Effects on Humans:** Not available.  
**Special Remarks on Chronic Effects on Humans:** Not available.

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.  
**Products of Biodegradation:** Not available.

#### 13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local environmental control regulations.

#### 14. TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).  
**IATA:** No information available.  
**IMO:** No information available.  
**RID/ADR:** No information available.



**15. REGULATORY INFORMATION**

**European/International Regulations**

**WHMIS (Canada)**

Not controlled under WHMIS (Canada).

**DSCL (EEC)**

R36/38– Irritating to eyes and skin.

S26– In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37– Wear suitable gloves.

**US Federal and State Regulations**

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the American Conference of Governmental Industrial Hygienists (ACGIH).

**TSCA**

Not available.

**16. OTHER INFORMATION**

**MSDS Code:** Not available.

**Other Special Considerations:** None.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.