

**MATERIAL SAFETY DATA SHEET**

1/12/09

MANUFACTURED FOR: TRIPLE S 2 Executive Park Drive Billerica, MA 01862 1-800-323-2251  
EMERGENCY TELEPHONE: 1-888-779-1339

**SECTION 1 - PRODUCT**

NAME: NAVIGATOR DILUTION CONTROL SYSTEM  
#2 GLASS CLEANER (Concentrate)  
Triple S Product No.: 13155, 13200  
Product Type: Glass Cleaner  
REFILL - CONCENTRATE

HMIS HAZARD RATING		0-LEAST / MÍNIMO
HEALTH SALUD	2	1-SLIGHT / LIGERO
FLAMMABILITY INFLAMABILIDAD	3	2-MODERATE / MODERADO
REACTIVITY REACTIVIDAD	0	3-HIGH / SERIO
		4-EXTREME / MUY GRAVE
PERSONAL PROTECTION PROTECCIÓN PERSONAL	B	B- glasses/lentes gloves/guantes

**SECTION 2 - HAZARDOUS INGREDIENTS**

2-butoxyethanol	CAS#111-76-2	Wt%=8.0
Isopropyl Alcohol	CAS#67-63-0	Wt%=9 - 10

**SECTION 3 - HEALTH HAZARD & FIRST AID**

- Acute Health Effect: Minimal
- Chronic Health Effect: NO
- Carcinogen: NO
- Primary Entry Routes:
  - Skin & Eyes: EYE IRRITANT. Avoid eye and prolonged skin contact.
  - Ingestion: May be harmful.
  - Inhalation: Inhalation of vapor or mist may be irritating.
- First Aid:
  - Skin: Remove contaminated clothing-wash skin with soap and water. If irritation persists get medical attention.
  - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention.
  - Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
  - Inhalation: Move to fresh air. If symptoms persist seek medical attention.

**SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS**

- Physical State: Liquid
- Color: Dark Blue
- Odor: Glycol ether/alcohol/floral
- Solubility in water: Complete
- Specific Gravity (H<sub>2</sub>O=1.0): 0.980
- pH: 7.0-9.0
- Freezing Point: N/A
- Flash Point: 88°F (TCC)
- Vapor Pressure: N/A

**SECTION 5 - FIRE AND EXPLOSION HAZARD**

- Flash Point: 88°F (TCC)
- Extinguishing Media: Water, Foam, CO<sub>2</sub>
- Special Fire Fighting Procedures: None
- Unusual Fire & Explosion Hazard: Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

**SECTION 6 - REACTIVITY DATA**

- Stability: Stable
- Conditions to Avoid: None known

**SECTION 7 - SPILL OR LEAK PROCEDURES**

- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Abide by Federal, State, and Local regulations.

**SECTION 8 - PERSONAL PROTECTION**

- Wear goggles.
- Wear rubber gloves.

**SECTION 9 - SPECIAL PRECAUTIONS**

- Store containers tightly closed and in an upright position.
- Do not destroy or deface the label.

**SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

2-butoxyethanol	CAS#111-76-2	Wt%=8.0
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**SECTION 11 - TOXICOLOGICAL INFORMATION**

None

**SECTION 12 - ECOLOGICAL INFORMATION**

None

**SECTION 13 - DISPOSAL CONSIDERATIONS**

- See Section 7 above.

**SECTION 14 - DOT TRANSPORT INFORMATION\***

- This product is in Package Group III.
- 5 Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
- Larger sizes ARE regulated.
- The Bill of Lading - Proper Shipping Name: UN1993, Flammable liquids, n.o.s. (Contains Isopropyl Alcohol), 3, III.

**SECTION 15 - OTHER REGULATORY INFORMATION**

All ingredients appear on the TSCA Inventory List.

**SECTION 16 - OTHER INFORMATION**

\* Revision 1/12/09 in Section 14.

- N/A = Not Applicable
- TCC = Tag Closed Cup

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

- Manufactured by: Carroll Company, Garland, TX, 1-800-527-5722

**MATERIAL SAFETY DATA SHEET**

04/09/04

MANUFACTURED FOR: TRIPLE S 2 Executive Park Drive Billerica, MA 01862 1-800-323-2251  
EMERGENCY TELEPHONE: 1-888-779-1339

**SECTION 1 - PRODUCT**

NAME: NAVIGATOR DILUTION CONTROL SYSTEM  
#2 GLASS CLEANER (Ready-to-Use)  
Triple S Product No.: 13155, 13200  
Product Type: Glass Cleaner DILUTED - READY TO USE

HMIS HAZARD RATING		0- LEAST / MÍNIMO
HEALTH SALUD	2	1- SLIGHT / LIGERO
FLAMMABILITY INFLAMABILIDAD	0	2- MODERATE / MODERADO
REACTIVITY REACTIVIDAD	0	3- HIGH / SERIO
		4- EXTREME / MUY GRAVE
PERSONAL PROTECTION PROTECCIÓN PERSONAL	B	B glasses/lentes gloves/guantes

**SECTION 2 - HAZARDOUS INGREDIENTS\***

NONE

**SECTION 3 - HEALTH HAZARD & FIRST AID**

1. Acute Health Effect Minimal
2. Chronic Health Effects YES
3. Carcinogen NO
4. Primary Entry Routes:
  - a) Skin & Eyes: EYE IRRITANT. Avoid eye and prolonged skin contact.
  - b) Ingestion: May be harmful.
  - c) Inhalation: Inhalation of vapor or mist may be irritating.
5. First Aid:
  - a) Skin: Remove contaminated clothing-wash skin with soap and water. If irritation persists get medical attention.
  - b) Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention.
  - c) Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
  - d) Inhalation: Move to fresh air. If symptoms persist seek medical attention.

**SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS**

1. Physical State Liquid
2. Color Blue
3. Odor Floral
4. Solubility in water Complete
5. Specific Gravity (H<sub>2</sub>O=1.0) 0.998
6. pH 7.0
7. Freezing Point N/A
8. Flash Point >212 ° F (PMCC)
9. Vapor Pressure N/A

**SECTION 5 - FIRE AND EXPLOSION HAZARD**

1. Flash Point >212 ° F (PMCC)
2. Extinguishing Media N/A
3. Special Fire Fighting Procedures None
4. Unusual Fire & Explosion Hazard Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

**SECTION 6 - REACTIVITY DATA**

1. Stability Stable
2. Conditions to Avoid None known

**SECTION 7 - SPILL OR LEAK PROCEDURES**

1. If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
2. Abide by Federal, State, and Local regulations.

**SECTION 8 - PERSONAL PROTECTION**

1. Wear goggles.
2. Wear rubber gloves.

**SECTION 9 - SPECIAL PRECAUTIONS**

1. Store containers tightly closed and in an upright position.
2. Do not destroy or deface the label.

**SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)\***

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:  
NONE

**SECTION 11 - TOXICOLOGICAL INFORMATION**

None

**SECTION 12 - ECOLOGICAL INFORMATION**

None

**SECTION 13 - DISPOSAL CONSIDERATIONS**

1. See Section 7 above.

**SECTION 14 - DOT TRANSPORT INFORMATION**

1. This diluted product is not to be shipped and is to be used on site.

**SECTION 15 - OTHER REGULATORY INFORMATION**

All ingredients appear on the TSCA Inventory List.

**SECTION 16 - OTHER INFORMATION**

\* Revision 4/9/07 in Section 2 and 10.

1. N/A = Not Applicable

2. PMCC = Pensky Martin Closed Cup

The health hazards given on this Material Safety Data Sheet apply to this product in its ready-to-use form. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the product and not to the routine exposure of the diluted product under conditions of ordinary use.