

**MATERIAL SAFETY DATA SHEET**

3/12/09

CARROLL COMPANY  
EMERGENCY TELEPHONES

2900 West Kingsley Road  
Infotrac 24 Hours

Garland, TX 75041  
1-800-535-5053

1-972-278-1304  
1-800-527-5722

**SECTION 1 - PRODUCT**  
NAME: CARDINAL  
Product No: 114  
Product Type: Neutral Hard Surface Cleaner

|   |  |   |   |
|---|--|---|---|
| Health<br>0   | Flammability<br>0  | Reactivity<br>0                               | PPE<br>0  |
| Health Hazard<br>0= Minimal<br>1= Slightly Haz<br>2= Hazardous<br>3= Serious Haz<br>4= Severe Haz | Fire Hazard<br>0= will not burn<br>1= FP > 141F<br>2=FP=>73F=<141F<br>3= FP <73F<br>4= BP <95F<br>FP by PMCC | Reactivity<br>0= None<br>1= Mild<br>2= Strong | Personal Protection<br>0= Not Necessary<br>1= Goggles<br>2= Goggles, Gloves<br>3= Goggles, Gloves,<br>Protective Clothes<br>4= Goggles, Gloves,<br>& Respirator |

\*DGIS

**SECTION 2 - HAZARDOUS INGREDIENTS**  
None

**SECTION 3 - HEALTH HAZARD & FIRST AID**  
1. Acute Health Effect None  
2. Chronic Health Effects None  
3. Carcinogen NO  
4. Primary Entry Routes:  
a) Skin & Eyes: Repeated contact with the skin may be irritating. Eye contact may be slightly irritating.  
b) Ingestion: May be harmful.  
c) Inhalation: Not considered a hazard.  
5. First Aid:  
a) Skin: Remove contaminated clothing-wash skin with 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 medical attention if irritation persists.  
c) Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.  
d) Inhalation: N/A

**SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS\***  
1. Physical State Viscous Liquid  
2. Color Red  
3. Odor Citrus  
4. Solubility in water Complete  
5. Specific Gravity (H2O=1.0) 1.035  
6. pH 9.0 - 9.5  
7. Freezing Point N/A  
8. Flash Point None (will not burn)  
9. Vapor Pressure N/A

**SECTION 5 - FIRE AND EXPLOSION**  
1. Flash Point None (will not burn)  
2. Extinguishing Media N/A  
3. Special Fire Fighting Procedures N/A  
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 sanitary sewer.  
2. Abide by Federal, State, and Local regulations.

**SECTION 8 - PERSONAL PROTECTION**  
None Required

**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 product is Not Regulated.

**SECTION 15 - OTHER REGULATORY INFORMATION**  
All ingredients appear on the TSCA Inventory List.

**SECTION 16 - OTHER INFORMATION**  
Revision 3/12/09 in Section 4.  
1. N/A = Not Applicable  
2. \*Dangerous Goods Identification System (DGIS)  
3. PMCC = Pensky Martin Closed Cup  
4. Manufacturer believes that the information given here is accurate. The suggested procedures are based on experience and common sense and are not necessarily all-inclusive of every conceivable circumstance.