

**1. Identification****Product Identity:** Orbit**Recommended Use:** Water-Based Carpet and Hard Surface Cleaner**Producer / Distributor**

Dalco  
300 5th Ave. NW  
New Brighton, MN 55112

**Telephone Number for Information:** 800-950-1975**Emergency Telephone Number:** 800-278-6176**2. Hazard Identification****Classification:****Health Class**

Skin Corrosion Category 1  
Serious Eye Damage Category 1

**Physical Class**

Corrosive to Metal

**Environment Class**

Acute Aquatic Toxicity Category 3

**Label****Symbols****Signal Word** Danger**Hazard Statements:**

Causes severe skin burns and eye damage

**Precautionary Statements:**

Do not breathe dusts or mists –if inhalable particles of dusts or mists may occur during use.

Wear protective gloves/clothing/eye protection/face protection.

If Swallowed: Rinse mouth. Do NOT induce vomit

If On Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

If Inhaled: Remove person to fresh air and keep comfortable for breathing. : Immediately call a Poison Center/doctor if you feel unwell.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/container in accordance with local regulations.

**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Citric Acid	77-92-9	5 - 15
Phosphoric Acid	7664-38-2	1 - 5
Sodium Alkyl Naphthalene Sulfonate	Mixture	1 - 5
Water	7732-18-5	60 - 100

**4. First-Aid Measures:****Ingestion:** If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention.**Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.**Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.**Inhalation:** If ill effects occur from breathing vapors/mists, remove victim to fresh air and keep warm. Contact a physician.**5. Fire Fighting Measures:****Suitable Extinguishing Media:** Not Applicable**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards** None are known**6. Accidental Release Measures:**

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum.  
Thoroughly rinse affected area with water.

**7. Handling and Storage:****Handling:** Keep from freezing. Keep out of reach of children.**Storage:** Normal care for storage.

**8. Exposure Controls / Personal Protection:****Exposure Limits****Ingredients**

Phosphoric Acid

**CAS Number**

7664-38-2

**Osha PEL**

1 mg/M3

**ACGIH TLV**

1 mg/M3

**Exposure Controls****Engineering Controls:** Normal good ventilation is sufficient**Personal Protective Equipment:****Eye Protection:** Approved Safety Goggles or Glasses**Skin Protection:** Chemical Resistant Rubber Gloves**Respiratory Protection:** Not Required**9. Physical and Chemical Properties:****Physical State:** Liquid**pH:** < 1.5**Appearance:** Orange**Specific Gravity (H<sub>2</sub>O = 1):** 1.07**Odor:** Fresh Citrus**Flammability:** None**Solubility:** Complete**Flash Point:** None**Evaporation Rate:** NA**Boiling Point:** > 212° F (100°C)**Vapor Pressure (MM HG):** NA**%volatile:** > 80%**Vapor Density (Air = 1):** NA**10. Stability and Reactivity:****Chemical Stability:** Stable**Possibility of Hazardous Reactions:** Reacts violently with strong bases, Reaction with metals produce hydrogen gas which can become explosive.**Incompatibility (Materials to Avoid):** Mild Steel, Aluminum, Strong bases, Marble, Terrazzo, Natural Stone**Hazardous Decomposition or By-products:** None**Hazardous Polymerization:** Will not Occur**Conditions to Avoid:** Do not mix with any other chemicals especially alkaline, bleach or ammonia cleaners, Avoid contact with alkaline materials and reactive metals**11. Toxicological Information:****Signs and Symptoms of Overexposure:** Causes severe skin burns and eye damage.**Acute Effects:****Eye Contact:** Severe Eye damage can result from direct contact.**Skin Contact:** Causes severe skin burns**Inhalation:** None Known**Ingestion:** Harmful if swallowed**Target Organ Effects:** None Known**Chronic Effects:** None Known**Acute Toxicity Values:****Oral LD<sub>50</sub>** > 5000 mg/kg**Dermal LD<sub>50</sub>** > 5000 mg/kg**Inhalation (Vapor) LC<sub>50</sub>** Vapors Considered Non-T**12. Ecological Information:****Persistence and Degradability:** Not Available**Bio Accumulative Potential:** Not Available**Mobility in Soil:** Not Available**Aquatic Toxicity:** Harmful to Aquatic Life**13. Disposal Considerations:**

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

**14. Transportation Information:****UN Number:** UN3264**Shipping Name:** Corrosive liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)**Transport Hazard Class:** 8**Packing Group:** II**Marine Pollutant:** NO

**15. Regulatory Information:**

**TSCA Status:** All ingredients listed

**Clean Water Act:** Phosphoric Acid (7664-38-2) is listed in the Clean Water Act as a Hazardous Substance.

**Clean Air Act:** None of the chemicals in this product are listed under the CAA

**CERCLA Reportable Quantity:** Phosphoric Acid (7664-38-2), > 5000 lbs.

**SARA Title III Information:**

**Section 302 Extremely Hazardous Chemicals:** None Listed

**Section 311 / 312 Hazard Category:** Immediate Health

**Section 313 Toxic Chemicals:** None Listed

**State Regulations:** Notice State of California; Warning; This product may contain chemicals known to the state of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

**International Regulations:** WHMIS Controlled Product Hazard Class: E

**16. Other Information:**

**Prepared By:** Eric Scholl

**Telephone Number:** 651-481-1900

**Revision Date:** 6/7/2013

**Supersedes:** 4/1/2012

**This SDS applies to the following Part Numbers**

The information contained herein is based on data considered accurate; however no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The company assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.



<b>Health</b>	2
<b>Flammability</b>	0
<b>Physical hazards</b>	0