

# WALTER E. NELSON COMPANY

## WENCO<sub>Brand</sub> CLEANING SYSTEMS

# CASCADE<sup>TM</sup> NEUTRAL CLEANER

### Description:

This 100% synthetic detergent with a neutral pH of 7 has been developed to complement the technology of today's super high gloss floor finishes. When used as directed, it will thoroughly wet, emulsify, and suspend soil from the highly polished floor surface without attacking the gloss of the floor. A special antistatic agent reduces the static build up on your floors, protecting you and your equipment. Leaves behind optical brighteners that will make the shine really "pop". **CASCADE<sup>TM</sup>** is a **LOW ODOR/LOW VOC** formulation. **CASCADE<sup>TM</sup>** rinses freely and will not haze.

### **This detergent performs three functions:**

1. Because of the nature of this product, no dulling film is left on the floor after its use. No "hazing" effect ever!
2. An optical brightener is incorporated into this to enhance the super high shine of the highly polished floor.
3. The wetting ability of this product is so outstanding that very little product is necessary to achieve excellent results.

### Use Directions:

**See Wenco Floor Care Program brochure  
for complete program instructions.**

For general use, add 1 to 3 ounces of **CASCADE<sup>TM</sup>** to one gallon of water, depending on amount of dirt and foreign material to be removed. Spread the solution on the dirty surface with a scrub mop or sponge. Allow solution to remain on surface from 1 to 5 minutes. For excessively dirty areas, use a scrubbing machine or a stiff brush. Pick up dirty solution with a wet vac., auto-scrubber or mop. Rinsing is not necessary, unless a floor is very dirty. Rinsing with potable water is required when the preparation is used in a federally inspected meat or poultry plants.

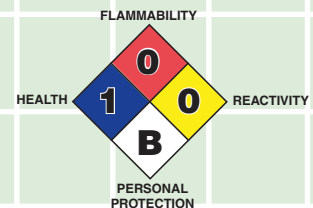
### Available Packages:

- ✓ 4x1 Gallons
- ✓ 5 Gallon Pails



## TECHNICAL DATA

Form:	Liquid
Color:	Yellow
Odor:	Lemon
Specific Gravity:	1.00
Density:	8.3lbs. Gallon
pH:	7.0 - 8.0
Viscosity:	Non-Viscous
Flash Point:	None
VOC:	None
Phosphates	None



Walter E. Nelson Co. Corporate  
Portland, OR 97217  
(503) 285-3037

Coastal Paper & Supply  
North Bend, OR 97459  
(541) 756-6770

Crown Paper & Janitorial Supply  
Walla Walla, WA 99362  
(509) 529-4561

Walter E. Nelson Seattle Branch  
Kirkland, WA 98034  
(425) 814-2665

Walter E. Nelson Eugene Branch  
Eugene, OR 97402  
(541) 344-0651

Astoria Janitor & Paper Supply Co.  
Astoria, OR 97103  
(503) 325-6362

Barco Supply  
Klamath Falls, OR 97601  
(541) 884-9064 - (800) 642-2571

Juniper Paper & Supply  
Bend, OR 97702  
(541) 312-4070

Walter E. Nelson Spokane Branch  
Spokane, WA 99202  
(509) 755-0870

# WALTER E. NELSON CO.

## MATERIAL SAFETY DATA SHEET

### CASCADE

#### Neutral Floor Cleaner

Date Prepared: 5-29-01 By Charles D. Werner

#### SECTION 1 - PRODUCT IDENTIFICATION

Distributor Name: WALTER NELSON CO.	Emergency Phone No: 1-800-228-5635 ext. 059
Address: 5937 N. CUTTER CIRCLE, PORTLAND OR 97217	
Trade Name: CASCADE NEUTRAL FLOOR CLEANER	Product Type: FLOOR CLEANER CONCENTRATE
Product code: FLCANUYL	Formula:

#### SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT	EXPOSURE LIMIT (Source)
Isopropyl alcohol	67-63-0	<10	400 PPM PEL(OSHA)

No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present

#### SECTION 3 - PHYSICAL DATA

Boiling Point: (F) 212	Specific Gravity: (H2O = 1.0) 1.00	pH: 6.5- 8.0
Vapor Pressure: (mm/Hg) heavier than air	Vapor Density: (AIR =1.0): 2.1	
Solubility In Water: Complete		
Evaporation Rate (Vs BUTYL ACETATE = 1.0): greater than 1.0		
Appearance and Odor: Liquid, non-viscous, YELLOW color and LEMON fragrance		

#### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): NO FLASH FLAMMABLE LIMITS % VOLUME IN AIR: UPPER: n/a LOWER n/a  
Extinguishing Media: The material is not flammable – use extinguishing media appropriate for involved material.

Special Fire Fighting Procedures: Clear area of unprotected personnel .

Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture.

#### SECTION 5 - REACTIVE DATA

Stability: Stable Incompatibility: non-reactive.  
Hazardous Decomposition Products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

#### SECTION 6 - HEALTH HAZARDS

Threshold Limit Value - Product (See Section 2 for Ingredient TLV) None Established  
Primary Routes of Exposure: Eye - yes Skin-No Oral-yes Inhalation-no Other  
Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes. SKIN: maybe mildly irritating to the skin.  
Symptoms of Over-Exposure (Chronic): unknown  
Medical Conditions Aggravated by Over-exposure: Persons W/ pre-existing skin disorders, impaired respiratory function may more susceptible to effects.  
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE

#### SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention if irritation persists.  
Skin: Wash skin with water. Remove contaminated clothing & shoes. Wash before reuse.  
Ingestion: Drink large quantities of water. Never give anything to an unconscious person. Do NOT induce vomiting or give any "antidotes " unless you are instructed to do so by medical personnel.  
Inhalation: Get to fresh air. Get medical attention if breathing is difficult.

#### SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: not normally required Ventilation Requirements: Adequate ventilation required.  
Protective Gloves: not normally required, to be used to minimize contact. Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.

#### SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain.  
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing . Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

#### SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Do not mix chemicals. Keep container tightly closed when not in use. Non hazardous for Transportation