



Maintenance Solutions

All-Surf

All Purpose Cleaner



For Use On:

| | | |
|-----------|---------|------------------|
| Floors | Chrome | Vinyl |
| Walls | Desks | Refrigerators |
| Concrete | Tables | Painted Surfaces |
| Furniture | Plastic | Stainless Steel |
| Porcelain | | |

DESCRIPTION:

A concentrated all purpose cleaner designed for cleaning walls, floors, furniture, equipment or any surface not harmed by water. Low foaming for use in automatic scrubbers. Will not soften or dull floor finishes or waxes in wet mop programs. Safe to use on all painted surfaces. Non-toxic, non-corrosive, non-flammable, very economical, and leaves all surfaces with a pleasant fragrance.

DIRECTIONS:

GENERAL CLEANING: Add 2 to 3 ounces of concentrate to each gallon of water. Brush or sponge onto surface. Rinse with clean water using a sponge or cloth.

WET MOPPING OF RESILIENT FLOORS: Add 2 ounces of concentrate per gallon of water. Apply freely to the floor with a mop or sponge. Pick-up and rinse with clean water.

FOR USE IN AUTO SCRUBBERS: Add 1 ounce of concentrate per gallon of water in the reservoir tank.

These directions are flexible rather than specific. In many cases a more dilute solution can be used, while for extreme conditions a less dilute solution may be used.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by State and Federal regulations.

PRODUCT SPECIFICATIONS

| | | | |
|----------------------------|--------------------------------|---------------------------------|---------------------|
| Active Ingredients: | 13.0 \pm 0.5% | Solubility: | Complete with water |
| Color: | Pink | Emulsification: | Excellent |
| Odor: | Citrus | Detergency: | Excellent |
| Base: | Natural & synthetic detergents | Rinsability: | Excellent |
| pH: | 10.0 - 10.5 | Flash Point: | None (waterbased) |
| Viscosity: | Moderately viscous | Biodegradability: | Complete |
| Foam: | Low | Storage/Stability: | 2 years |
| Abrasives: | None | Weight per Gallon: | 8.45 lbs./gal. |
| | | Freeze / Thaw Stability: | Keep from freezing |

All Surface Cleaners

ALL

MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 5/99 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

| | |
|--|---|
| Manufacturer's Name: Misco Products Corporation Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605 Manufacturer's Phone #: (610) 926-4106 | Product Name: All-Surf Generic Name: All Purpose Cleaner Chemical Family: Detergent Blend Formula: Proprietary |
|--|---|

SECTION 2-INGREDIENT INFORMATION

| CHEMICAL NAME | CAS NO. | WT. % | PEL | TWA-TLV | STEL-TLV |
|---------------------------|------------|---------|-----|---------|----------|
| Water | 7732-18-5 | to 100 | | | |
| Potassium Tall Oil Soap | 61790-44-1 | 5 to 10 | | | |
| Nonionic Surfactant | 9016-45-9 | 0 to 5 | | | |
| Tetrasodium EDTA | 64-02-8 | 0 to 5 | | | |
| Tetrasodium Pyrophosphate | 7722-88-5 | 0 to 5 | | | |
| Perfume Oil | N/A | 0 to 5 | | | |
| Dye | N/A | 0 to 5 | | | |

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. **Specific Gravity:** 1.020
Vapor Pressure: 20mm Hg @ 68 F. **Vapor Density (Air=1):** >1
% Volatile: 85+ **pH:** 10.0-10.5
Solubility in Water: Complete **Evaporation Rate (Water=1):** <1
Physical Description: Moderately viscous pink liquid with pleasant citrus odor.

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** None
Hazards Decomposition Products: Will not occur. **Incompatibility (Materials to Avoid):** None

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and eye protection when handling. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: N/A
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system.
Vomiting and diarrhea expected with large doses.

First Aid Procedures:

Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: N/A
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles recommended.
Other Protective Equipment: Protective rubber footwear when applying to floors.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard
Yes - Immediate (acute) Health Hazard
No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound

FOR 1 GALLON CONTAINERS : Cleaning Compound

FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials Identification System

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | A |

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) 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.

| CAS# | Chemical Name | Percent by Weight |
|------|---------------|-------------------|
| | None | |

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

| CAS# | Chemical Name | Percent by Weight |
|------|---------------|-------------------|
| | None | |

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product