



**FLOOR CARE**

# S-22<sup>®</sup>

cleaner descaler brightener

# TECHNICAL DATA SHEET

Packaging	Code
4 x 1.8 L (0.48 US gal)	2002225701
4 x 4 L (4 x 1.06 US gal)	2002278001

**Description:**  
S-22 is a mild low pH organic salt formulation, which is excellent as a floor cleaner for hard surface non-porous floors and tiles. Its unique blend of biodegradable surfactants gives it superior cleaning and descaling properties which makes it ideal for removing mineral deposits such as winter abused salt and calcium stains and most of all maintaining clean grout between floor and wall tiles. S-22 is also an excellent brightener for stainless steel and aluminum surfaces. AV-MIXX Dilution control system provides accurate dilution ratios to maximize product cost savings and performance.

**Application Dilution**

Autoscrubber	1:130
Wet Mopping	
Normal Soils	1:64
Heavy Soils	1:32
Washrooms	
Heavy Deposits	1:32
Light Deposits	1:64
Polish Stainless Steel Aluminum	1:64
Stainless Steel Stubborn Stains	1:4
Lime, Stone and Scale Build-Up	1:4
Salt and Calcium Removal on Carpets	
Extreme Build-Up	1:40
Medium Build-Up	1:80
Light Build-Up	1:128

**Use Directions:**

**USE WITH COLD WATER.**

**AUTOSCRUBBER:** Use approximately 500 ml of S-22 (17 oz) per tank (1:130) to clean normal soils from floor surfaces.

**WET MOPPING:** Mix approximately 59 ml of S-22 to 3.78 L of water (2 oz/1 gal) (1:64) for normal soil levels. Mix 118 ml of S-22 to 3.78 L of water (4 oz/1 gal) (1:32) for heavy soil levels.

**REMOVING DEPOSITS AND STAINS FROM BATHTUBS, TOILETS, URINALS, CERAMIC AND WALL TILES HEAVY DEPOSITS:** Dilute 118 ml of S-22 to 3.78 L of water (4 oz/1 gal) (1:32).

**LIGHT DEPOSITS:** Dilute approximately 59 ml of S-22 to 3.78 L of water (2 oz/1 gal) (1:64). Apply with mop or cloth; let stand 3 to 5 minutes. Rinse and wipe dry.

**BRIGHTENING OF STAINLESS STEEL AND ALUMINUM:** Mix approximately 59 ml of S-22 to 3.78 L of water (2 oz/1 gal) (1:64) then wash, polish, rinse and dry.

**REMOVAL OF STUBBORN STAINS FROM STAINLESS STEEL:** Dilute 945 ml of S-22 to 3.78 L of water (32 oz/1gal) (1:4). Apply with mop or cloth. Let stand for 5 to 10 minutes. Rinse and wipe dry.

**REMOVING LIME, STONE AND SCALE BUILD-UP FROM TANKS, VATS AND METAL SURFACES:** Dilute 945 ml of S-22 to 3.78 L of water (32 oz/1gal) (1:4). Apply with mop or cloth. Let stand for 5 to 10 minutes. Scrub with a stiff-bristle brush and rinse clean.

**SALT AND CALCIUM REMOVAL ON CARPETS:** NOTE: Pretest carpets for colourfastness. **EXTREME BUILD-UP:** Dilute 95 ml of S-22 to 3.78 L of water (1:40).

**MEDIUM BUILD-UP:** Dilute 47 ml of S-22 to 3.78 L of water (1:80). **LIGHT BUILD-UP:** Dilute 29 ml of S-22 to 3.78 L of water (1:128).

1. Dilute product according to the recommended dilutions. 2. Remove excess deposits with rigid spatula or scraper. 3. Apply S-22 solution with sprayer (saturate deposit). Allow to work between 5 and 10 minutes. 4. Absorb with terry towel or extract. 5. Rinse with tap water and extract. 6. For difficult and hard to remove deposits, repeat steps 2,3,4 and 5.

**Av-mixx Use Directions:**

**\*\*PLEASE NOTE: To avoid excess foaming, place Av-mixx hose at the bottom of the spray bottle and/or bucket.**

- 1) For floor cleaning, using the Av-mixx dilution control system fill either a mop bucket or autoscrubber using the high flow button (select button with mop bucket icon) and cold water. Av-mixx S-22 will automatically be diluted at 1:128.
- 2) For general cleaning and degreasing, using the Av-mixx dilution control system fill a spray bottle using the low flow button (select button with spray bottle icon) and cold water. Av-mixx S-22 will automatically be diluted at 1:32.
- 3) Agitation may speed up the cleaning action.
- 4) Once soils are loosened, simply mop, wipe, or wash away with a cloth or water.

**DILUTION RATIO**

High flow: 1:128  
Low flow: 1:32

**WATER FLOW**

15 L / min (4 gpm)  
3.8 L / min (1 gpm)

PRODUCT CERTIFIED



**Precautions for Food Plants:**

For non food contact surfaces only. Avoid contamination of food during use. Do not store in food-processing or food-storage area. Ingredients in this product are readily biodegradable in accordance with OECD 301 standard.

**RECYCLING:** This product including the container, label and shipping carton are all designed to be recycled. Follow all Federal, Provincial and Local Regulations regarding waste disposal.

**Technical Specifications:**

Appearance	Liquid
Colour	Colourless
Odour	Odourless
Specific Gravity	1.030 – 1.040
pH (1%)	2.0 – 3.5
Refractive Index (% Brix)	11.0 – 14.0%

Performance testing was conducted at a dilution of 59 ml/3.78 L (2 oz/1 US gallon) (1:64).

**Security:**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X
X =	See SDS
0 =	Insignificant
1 =	Slight
2 =	Moderate
3 =	High
4 =	Extreme

**Note:**

The data presented herein is based on experiments and information believed reliable. However, we can make no guarantee on performance of, or results obtained through the use of the product herein described owing to varying conditions in laboratories and plants over which we have no control. Neither can any guarantee be given that the products or uses outlined will not infringe any existing patents.



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