



GREENSOLV inc.

TECHNICAL BULLETIN

sp TSP pf – Phosphate free TSP replacement

(G-MAX 302)

1) PRODUCT DESCRIPTION

sp TSP pf is a water based biodegradable degreaser used to thoroughly clean a bare or painted surface prior to applying paint. Highly efficient, **sp TSP pf** removes oil, grease, fingerprints, stains and other contaminants which will improve the adherence and look of subsequent coatings. **sp TSP pf does not require any rinsing** when used at the recommended dilution (2% in water). Safe to use on all surfaces (wood, paint, gypsum, melamine, plastic, metal and glass). This product is an excellent substitute to TSP (TriSodium Phosphate), which is an important source of phosphate, a harmful product to lakes and waterways because it promotes the development of blue algae and other withering organisms.

Typical cleaning applications:

- **Cleaning a painted surface prior to applying a fresh coat of paint**
- **Surface preparation for bare surfaces before applying paint**

2) ADVANTAGES

Based on an elaborated blend of surfactants, chelating agents and sodium hydroxide, **sp TSP pf** is completely biodegradable. It is best used for applications where contamination is important (oil, grease, organic deposits).

Its main benefits are:

- Makes 25 litres with 500ml of concentrate
- No rinsing required!
- Very efficient
- Water based
- Biodegradable
- Compatible with all surfaces
- Phosphate free
- 0% VOC (Volatile Organic Compound)



3) PHYSICAL PROPERTIES

Appearancelight green liquid
Odour mild
pH (Sol. 1%) 11.0 – 11.5
Solubility in water.....excellent
Specific Gravity..... 1.00 - 1.05
Flash point..... None
Biodegradability Excellent

4) PROCEDURE

Coverage: Over 90m² (950 ft²) per 500ml of sp TSP pf (at recommended dilution)

- Mix 100ml of sp TSP pf to 4 or 5 litres of hot water. (500ml will make 25 litres)
- Clean the surface with the diluted solution using a sponge or a rag.
- Allow to dry.
- The surface is ready to be painted; it is not necessary to start painting immediately.

5) PERSONAL PROTECTION

- Chemical resistant gloves

6) STORAGE

Store **sp TSP pf** at a controlled temperature of 0° C to 30° C (32° F to 86° F) in a plastic container. The product will freeze below 0°C (32°F). Store in a closed plastic container when not in use. The shelf life of the product has been determined to be three (3) years.

7) PACKAGING

<u>FORMAT</u>	<u>PACKAGING</u>	<u>LABEL</u>	<u>UPC CODE</u>
Bottle (500ml)	Case of 12	CCCR 2001	180709000546

Last Update: March 2008