



# Technical Data Sheet

## TSP/90 Heavy Duty Cleaner Product No. 0261, 0265

### Description

TSP/90 is a white crystalline solid cleaner that deep cleans many washable surfaces without excessive scrubbing. It neutralizes & floats away grease, grime, dirt, oil & smoke film.

### Key Features

- Readily soluble in water
- Excellent shelf-life when stored as directed
- Contains no Phosphates or abrasives

### Uses

Uses include general wall and floor cleaning. Not recommended for varnished wood floors. Windows, mirrors & other glass surfaces should be protected from contact with TSP-90 solution.

### Solution Preparation

Following label directions slowly add required amount of crystalline solid to water while stirring. Mix until crystalline solid is in solution.

### Directions

1. Wearing appropriate protective gear so as to prevent eye & skin contact (appropriate goggles, gloves, apron), wet sponge or cleaning cloth with solution & clean surface.
2. Wipe surface with clean water. **DO NOT ALLOW CLEANING SOLUTION TO DRY ON SURFACE.**

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
<i>Consistency/Appearance</i>	<i>Visual Observation</i>	<i>Crystalline Granular to powder</i>
<i>pH (initial)</i>	<i>pH Meter</i>	<i>12.6 (1% solution)</i>
<i>Total Na2O Content</i>	<i>Supplier Data Sheets</i>	<i>&lt;30%</i>
<i>Shelf Life</i>	<i>Lab 50 C Oven – Accelerated</i>	<i>2 Years Minimum (stored as directed)</i>
<i>Storage Conditions</i>	<i>Test Lab</i>	<i>Store in a cool, dry place in the original, sealed container</i>
<i>Toxicity</i>	<i>Supplier Data Sheets</i>	<i>Non-toxic when used as directed. Use of rubber gloves, goggles, are recommended.</i>
<i>Melt Point</i>	<i>Supplier Data Sheets</i>	<i>162 F (72.2 C)</i>
<i>Density</i>	<i>Supplier Data Sheets</i>	<i>55 pounds per cubic foot</i>
<i>Solubility in Water</i>	<i>Test Lab</i>	<i>Soluble</i>
<i>Color</i>	<i>Visual Observation</i>	<i>White</i>
<i>Contents</i>	<i>Known</i>	<i>Sodium Metasilicate, Pentahydrate</i>
<i>Consistency (as supplied)</i>	<i>Supplier Data Sheets</i>	<i>Crystalline Granular</i>
<i>Standard Container</i>	<i>Known</i>	<i>1.1 lb. &amp; 4.2 lb. HDPE tub</i>

### Clean Up

If product is allowed to dry on surface, it may leave a film. Film can be removed by scrubbing with a non-abrasive cleanser. Wash skin with warm water/mild soap solution. **AVOID SKIN & EYE CONTACT WITH CLEANING SOLUTION.**

### For Best Results

- Windows, mirrors & other glass surfaces should be protected from contact with TSP-90 solution.
- Avoid eye & skin contact.
- Do not allow cleaner solution to dry on surface.

### Color

White Crystalline Granular/Powder

### Packaging

1.1 lb. & 4.2 lb. Tub

### Limitations

- Not recommended for varnished wood floors.
- **Avoid all contact with windows, mirrors & other glass surfaces. Will leave film residue.**
- Not for use in power/pressure washers or sprayers.
- Avoid all eye & skin contact. (See MSDS for additional information)
- When dissolving, always add this product slowly to water with constant stirring.

## Environmental, Safety & Transportation Information

Corrosive to eyes, skin & digestive tract. Dust corrosive to respiratory tract. Causes skin irritation. High pH is harmful to aquatic life. Causes eye & skin burns. Causes burns to mouth, esophagus & stomach. No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen. This is a regulated hazardous material. SARA Title III – not an extremely hazardous substance under 302. Not a toxic chemical under 313. FDA: The use of sodium metasilicate is authorized by FDA as a boiler water additive, for the production of steam that will contact food pursuant to 21 CFR 173.310 & as a GRAS substance pursuant to 21 CFR 184.1769a for use as a corrosion preventative in canned & bottled water.

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>None</i>
<i>UN Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Disodium trioxosilicate</i>
<i>UN Hazard Class</i>	<i>Review of Regs</i>	<i>8</i>
<i>UN ID Number</i>	<i>Review of Regs</i>	<i>UN3253</i>
<i>UN Packing Group</i>	<i>Review of Regs</i>	<i>III</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>0% by weight</i>

**CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. CORROSIVE (See MSDS for additional information)**

### LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If not satisfied when used as directed, product will be replaced without charge upon presentation of proof of purchase and used container. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION