

# Material Safety Data Sheet

Supra Machine Warewashing Detergent



## 1. Product and company identification

Trade name of product : Supra Machine Warewashing Detergent

Product use : Machine Warewashing Detergent

Product dilution information : 0.15%  
0.15 %

Supplier's information : Kay Chemical Company  
8300 Capital Drive  
Greensboro NC 27409  
1-800-529-5458 (Customer Service)

Code : 924879-03

Date of issue : 18-May-2010

EMERGENCY HEALTH INFORMATION:  
1-877-231-2615

## 2. Hazards identification

**Product AS SOLD**  
**Physical state** : Liquid.  
**Emergency overview** : CAUTION !  
  
MAY CAUSE EYE IRRITATION.  
Avoid contact with eyes. Wash thoroughly after handling.

### Product AT USE DILUTION

Liquid.  
CAUTION !  
  
No specific hazard.  
No specific hazard.

### Potential acute health effects

**Product AS SOLD**  
**Eyes** : Slightly irritating to the eyes.  
**Skin** : Slightly irritating to the skin.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Product AT USE DILUTION

No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.

See toxicological information (section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
PENTASODIUM TRIPHOSPHATE	7758-29-4	9
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	5 - 20

### Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

## 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: Rinse with water for a few minutes.	No known effect after eye contact. Rinse with water for a few minutes.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation persists.	No known effect after skin contact. Rinse with water for a few minutes.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

## 5. Fire-fighting measures

### Product AS SOLD

<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide phosphorus oxides metal oxide/oxides
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Dike area of fire to prevent runoff. In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: No special measures required.	Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

## 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
<b>Handling</b>	: Avoid contact with eyes. Do not add water directly to product. Slowly stir product into water. Wash thoroughly after handling.	Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 50°C	Keep out of reach of children.

## 8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
<b>Engineering measures</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Personal protection</b>		
<b>Eyes</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.

## 8. Exposure controls/personal protection

<b>Hands</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions. No protective equipment is needed under normal use conditions. No special protection is required.
<b>Skin</b>	: No protective equipment is needed under normal use conditions.	
<b>Respiratory</b>	: No special protection is required.	

Consult local authorities for acceptable exposure limits.

## 9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
<b>Physical state</b>	: Liquid.	Liquid.
<b>Flash point</b>	: >93.3 °C (Closed cup)	> 100°C
<b>Color</b>	: Yellow. [Light]	Colorless.
<b>Odor</b>	: Odorless. [Slight]	Faint odor.
<b>pH</b>	: 13.3 to 14 [Conc. (% w/w): 100%]	10
<b>Boiling/condensation point</b>	: >100°C (>212°F)	
<b>Relative density</b>	: 1.38 to 1.41	
<b>Solubility</b>	: Easily soluble in the following materials: cold water and hot water.	

## 10. Stability and reactivity

Product AS SOLD

<b>Stability</b>	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Reactivity</b>	: Extremely reactive or incompatible with the following materials: metals and acids.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

Potential acute health effects

	Product AS SOLD	Product AT USE DILUTION
<b>Eyes</b>	: Slightly irritating to the eyes.	No known significant effects or critical hazards.
<b>Skin</b>	: Slightly irritating to the skin.	No known significant effects or critical hazards.
<b>Inhalation</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicity** : Not reported

### 13. Disposal considerations

**Product AS SOLD**

**Waste disposal** : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.

**Product AT USE DILUTION**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

### 14. Transport information

**Product AS SOLD**

See shipping documents for specific transportation information.

**Product AT USE DILUTION**

Not intended for transport.

### 15. Regulatory information

**Product AS SOLD**

**HCS Classification** : Not regulated.

**Product AS SOLD**

**U.S. Federal regulations**

**TSCA 8(b) inventory** : All components are listed or exempted.

**SARA 302/304/311/312 extremely hazardous substances:** No listed substance

**SARA 302/304 emergency planning and notification:** No listed substance

**SARA 313**

**Product name**

**CAS number**

**Concentration**

**Form R - Reporting requirements** : No listed substance

**California Prop. 65** : No listed substance

**Product AT USE DILUTION**

Not regulated.

### 16. Other information

**Product AS SOLD**

**Hazardous Material Information System (U.S.A.)** :

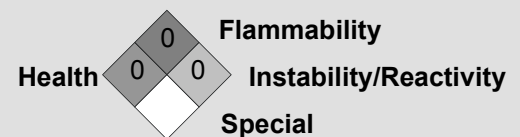
Health	1
Flammability	0
Physical hazards	0

**National Fire Protection Association (U.S.A.)** :



**Product AT USE DILUTION**

Health	0
Flammability	0
Physical hazards	0



**Date of issue** : 18-May-2010

## 16. Other information

Date of previous issue : 18 May 2010  
Responsible name : Regulatory Affairs  
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**