

# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product Name** Tank & Equipment Cleaner  
**Product Use** Alkaline Detergent  
**Product Code** 346-TANKKLEEN-A  
**Date of Issue** 10/23/14  
**Supersedes** 10/15/04

**Manufactured For:**  
**Rosen's Inc.**  
**700 S.W. 291 Hwy, Ste. 204**  
**Liberty, Missouri 64068 (877) 781-9191**

### Emergency Telephone Numbers CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill,  
leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**Signal Word:** DANGER



### Precautionary Statements:

P220 Keep from freezing  
P232 Keep container tightly closed  
P260 Do not breathe in dust, mist or vapors  
P262 Do not get in eyes, on skin or on clothing  
P264 Wash hands thoroughly after handling  
P281 Use personal protective equipment as required  
P401 Store product indoors

### Hazard Statements:

H301 Toxic if swallowed  
H304 May be fatal if swallowed and enters airways (aspiration hazard)  
H314 Causes severe skin burns and eye damage  
H331 Toxic if inhaled

### Routes of Entry Dermal, Oral, and Inhalation

### Acute Effects:

**Eyes** Can cause irritation to serious eye damage, including blindness. Severity increases with duration of contact.  
**Skin** Exposure can cause skin burns and tissue damage.  
**Inhalation** Will cause severe irritation and burns to respiratory tract.  
**Ingestion** Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed.

## Section 3. Composition/Information on Ingredients

**Contains: Complex Phosphates, Sodium Silicate, Sodium Hydroxide, Sodium Carbonate, Monocyclic Terpenes, & Nonionic Surfactant**

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Tripolyphosphate	7758-29-4	≈20
Sodium Metasilicate	6834-92-0	<40
Sodium Hydroxide	1310-73-2	≈5

#### Section 4. First Aid Measures

**Eye Contact** Flush immediately with clean water for 15 minutes. Seek immediate medical attention if irritation persists.  
**Skin Contact** If irritation occurs, flush with plenty of clean water; use soap if available. Remove severely contaminated clothing and shoes; wash before reuse. Seek medical attention if a rash occurs or if irritation continues.  
**Inhalation** Remove to fresh air. Begin CPR if breathing has stopped and seek medical attention immediately.  
**Ingestion** Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

#### Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)  
(estimated rating)



**Hazardous Combustion Products** None known  
**Extinguishing Media** Media applicable to surrounding fire  
**Unsuitable Extinguishing Media** N/A  
**Fire Fighting Procedures** Wear protective gear. Use water spray to cool fire exposed containers.

#### Section 6. Accidental Release Measures

**Spill Clean Up** All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

#### Section 7. Handling and Storage

**Handling and Storage** Keep container tightly closed when not in use. Store product indoors and keep from freezing. Keep out of the reach of children. Have eyewash accessible to use in handling area.

#### Section 8. Exposure Controls/Personal Protection

##### Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		2mg/m <sup>3</sup>

**Engineering Controls** Use in a well-ventilated area



##### Personal Protective Equipment (PPE)

**Eyes** Safety glasses or chemical splash goggles  
**Body** Rubber or neoprene gloves; rubber aprons and rubber boots  
**Respiratory** Use NIOSH approved respirator if TLV are reached or exceeded

#### Section 9. Physical and Chemical Properties

<b>Physical State</b>	Solid	<b>Explosive Limits</b>	N/A
<b>Color</b>	Orange	<b>Vapor Pressure</b>	N/A
<b>Odor</b>	Characteristic	<b>Vapor Density</b>	Heavier than air
<b>Odor Threshold</b>	N/A	<b>Relative Density</b>	N/A
<b>pH</b>	N/A	<b>Solubility</b>	Complete
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	N/A	<b>Auto-Ignition Temp.</b>	N/A

Flash Point N/A  
Evaporation Rate N/A  
Flammability N/A

Decomposition Temp. N/A  
Viscosity N/A  
Specific Gravity N/A

### Section 10. Stability and Reactivity

Stability and Reactivity Stable  
Incompatibility Soft metals and acids  
Hazardous Polymerization Will not occur  
Hazardous Decomposition Products None known  
Conditions to Avoid N/A

### Section 11. Toxicological Information

Routes of Entry Dermal, oral and inhalation  
Symptoms Causes corrosion  
Skin Irritant Yes  
Eye Irritant Yes  
Sensitizers Not determined  
Mutagenicity No information found  
Carcinogenicity None  
Reproductive Toxicity No information found  
Target Organs See section 2

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

#### Acute Toxicity

Test	Results	Basis
Dermal	3,868mg/kg	ATE determined practically non-toxic
Oral	986mg/kg	ATE determined Category 3
Inhalation	2.15mg/l	ATE determined Category 4

### Section 12. Ecological Information

**Environmental Effects** No ecological information available

### Section 13. Disposal Considerations

**Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.

### Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1759	Corrosive solids, n.o.s. (Sodium Hydroxide & Disodium Trioxosilicate)	8	PGII	Corrosive

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

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### Section 15. Regulatory Information

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

<b>Sodium Tripolyphosphate</b>	<b>7758-29-4</b>	<b>5,000</b>
<b>Sodium Hydroxide</b>	<b>1310-73-2</b>	<b>1,000</b>

**State Regulations** None

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### Section 16. Other Information

**Last Revision** 10/23/14

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.