

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.
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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.
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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 ³	2mg/m ³		2mg/m ³

Engineering Controls	Use in a well-ventilated area
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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

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

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):

Sodium Tripolyphosphate	7758-29-4	5,000
Sodium Hydroxide	1310-73-2	1,000

State Regulations None

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.