

# SAFETY DATA SHEET

Updated: April 15, 2015

Page 1 of 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	<b>Kleen-Up™</b>
Supplier:	Manufactured for: Rosen's Inc. 700 SW 291 Hwy, Ste 204 Liberty, MO 64068
Product Use:	Spray Tank Cleaner
Emergency telephone number:	(Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call:	(877) 781-9191

## 2. HAZARDS IDENTIFICATION

### GHS Classification:

Metal Corrosion, Category 1, H290

Acute Toxicity, Category 4 (oral), H302

Skin Corrosion, Category 1A, H314

Eye Damage, Category 1, H318



H302 H290,H314,H318

**Signal Word:** Danger

### Hazard Statements:

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

### Precautionary Statements:

#### Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P234: Keep only in original packaging.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264: Wash protective equipment and work clothes thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves. Wear eye protection or face protection.

#### Response

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P310: Immediately call a POISON CENTER/doctor or Chemtrec.

P321: Treat Symptomatically.

P330: Rinse mouth.

P331: Do NOT induce vomiting.

P363: Wash contaminated clothing before reuse.

P390: Absorb spillage to prevent material-damage.

# SAFETY DATA SHEET

Updated: April 15, 2015  
Page 2 of 4

## Storage

P405: Store locked up.

P406: Store in a corrosion resistant/...container with a resistant inner liner.

## Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Component	CAS Number	Weight %	ACGIH TLV
Potassium Hydroxide	1310-58-3	10-15%	2 ppm (TWA); 2 ppm (STEL)
Triethanolamine	102-71-6	1-5%	5mg/m <sup>3</sup> (TWA)
Nonionic Surfactant	9016-45-9	1-5%	N/E
Ammonium Hydroxide	1336-21-6	<3%	25 ppm (TWA); 35 ppm (STEL)

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## 4. FIRST AID MEASURES

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IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. **Do not induce vomiting.** Rinse mouth. Drink egg whites, gelatin solution or, if these are not available, large quantities of water. Avoid alcohol.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash with plenty of water for 15 minutes. If skin irritation occurs: Get medical advice or attention. Treat Symptomatically. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor or Chemtrec.

Signs and Symptoms of Overexposure (chronic): Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant.

Medical Conditions Aggravated by Overexposure: Existing dermatitis.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

Absorb spillage to prevent material-damage.

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## 5. FIREFIGHTING MEASURES

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Suitable Extinguishing media: Water spray, foam, CO<sub>2</sub>, or dry chemicals may be used in areas where this product is stored.

Specific Hazards: Product is noncombustible.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

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In Case of Spill: Absorb spillage to prevent material-damage. Evacuate the spill area, except for cleanup personnel. Do not walk through or touch spill. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Large spills may be flushed to sewer if local authorities approve such. Product is slippery under foot; flush smooth surfaces thoroughly.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

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## 7. HANDLING AND STORAGE

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Danger. Corrosive liquid. Store locked up. Store in a corrosive resistant container with a resistant inner liner. Do not get in eyes, on skin or on clothing. Keep away from heat, sparks and flame. Keep container closed. Safety goggles and eyewash recommended. USDA-accepted nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate protective clothing as referenced in Section 8 below to prevent repeated or prolonged skin contact. Product should be stored in a dry place. Partially used containers should be resealed between uses for maximum storage stability.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Component Exposure Limits:	N/D
Eye/Face Protections:	Wear splash-proof chemical safety goggles and face shield. Contact lenses should not be worn when working with chemicals.
Skin Protection:	Wear coveralls, boots, long-sleeved shirt, protective apron and chemically impervious gloves to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.
Respiratory Protection:	Protect against spray mists & dust clouds. Use respirator in areas of poor ventilation.
General Protection:	Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.
Note:	When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear, red colored liquid	UEL:	N/D
Odor:	Ammonia odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	14 ± 0.005	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	9.285 lbs/gallon
Freezing Point:	N/D	Solubility:	Dispersible in water
Boiling Point:	212°F	Partition Coefficient:	N/D
Flash Point:	N/D	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/D		

**10. STABILITY AND REACTIVITY**

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	None known.
Incompatible Materials:	Strong acids, strong oxidizers.
Hazardous Decomposition Products:	Burning may produce oxides of carbon and other substances.

**11. TOXICOLOGICAL INFORMATION**

No toxicological data is available for this product.

**12. ECOLOGICAL INFORMATION**

No ecological data is available for this product.

# SAFETY DATA SHEET

Updated: April 15, 2015  
Page 4 of 4

## 13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.  
Disposal Instructions: Recycle or rework material if at all possible. Incinerate material at an approved facility.  
Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.  
Container Reuse: An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. Dispose of container to disposal plant in accordance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

DOT Status (Highway and rail): UN3266 Corrosive liquid, basic, inorganic, N.O.S. (contains Potassium Hydroxide), 8, PGII  
IATA Status (Air): UN3266 Corrosive liquid, basic, inorganic, N.O.S. (contains Potassium Hydroxide), 8, PGII  
Marine Pollutant: No

## 15. REGULATORY INFORMATION

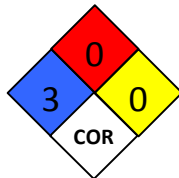
TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.  
SARA HAZARD: No

## 16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	D/n

NFPA Rating



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**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, WE MAKE NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.