Safety Data Sheet
Uri-Kleen® Deodorizing Detergent

1. Identification

1.1. Product identifier

Product Identity	Uri-Kleen® Deodorizing Detergent
Alternate Names	Uri-Kleen® Deodorizing Detergent

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	See Technical Data Sheet.
Application Method	See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name	Smith & Nephew 970 Lake Carillon Drive, Suite 110 St. Petersburg, FL 33716
Emergency	
CHEMTREC (USA)	(800) 424-9300
Customer Service: Smith & Nephew	1-800-876-1261

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Corr. 1B;H314	Causes severe skin burns and eye damage.
Eye Dam. 1;H318	Causes serious eye damage.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

Danger

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

[Prevention]:

P260 Do not breathe mist / vapors / spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 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 or doctor / physician.

P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Phosphoric acid **CAS Number: 0007664-38-2**	**25 - 50**	**Skin Corr. 1B;H314 (> 25%)** **Eye Irrit. 2; H319: 10% ≤ C < 25%** **Skin Irrit. 2; H315: 10% ≤ C < 25%**	**[1][2]**
Sodium hydroxide **CAS Number: 0001310-73-2**	**1 - 5**	**Skin Corr. 1A;H314** **Acute Tox. 4;H312** **Aquatic Acute 2;H401** **Aquatic Chronic 2;H411**	**[1][2]**
C9-C11 Synthetic Alcohol, Ethoxylated **CAS Number: 0068439-46-3**	**1 - 5**	**Skin Irrit. 2;H315** **Eye Dam. 1;H318**	**[1]**
Bell Kill Odor **CAS Number: Proprietary**	**1 - 5**	**Not Classified**	**[1]**
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides **CAS Number: 0068391-01-5**	**1 - 5**	**Acute Tox. 4;H302** **Skin Corr. 1B;H314** **Aquatic Acute 1;H400**	**[1]**
n-alkyl dimethyl ethyl benzyl ammonium chloride **CAS Number: 0068956-79-6**	**1 - 5**	**Flam. Liq. 3;H226**	**[1]**

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.
[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.
*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview EFFECTS OF OVEREXPOSURE:
Skin: Direct contact may result in irritation, reddening, swelling, and, if untreated, severe skin damage.
Eyes: Contact may cause severe irritation and corneal damage, if untreated.
INGESTION: May cause burns to the mouth, esophagus, and stomach.
INHALATION: Aerosols and mists may severely damage contacted tissue and produce scarring. Exposure to high concentrations may cause pulmonary edema and chemical pneumonia.
See section 2 for further details.

Eyes Causes serious eye damage.

Skin Causes severe skin burns and eye damage.

5. Fire-fighting measures

5.1. Extinguishing media

Not combustible. Use extinguishing media suitable for surrounding fire

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of phosphorous.

Do not breathe mist / vapors / spray.

5.3. Advice for fire-fighters

Specific hazards arising from the chemical: Not combustible. Under fire conditions, toxic, corrosive fumes are emitted. Non-combustible substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Oxides of phosphorous..
Special Protective Equipment and Precautions for Firefighters: Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Keep unauthorized personnel away. Evacuate residents who are downwind of fire. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Exercise caution during neutralization as considerable heat may be generated. Neutralize spill area with soda ash, sodium bicarbonate or lime. Flush neutralized spill with copious amounts of water.

Personal Precautions: Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Emergency Procedures: Keep unauthorized personnel away. Dike spill using absorbent or impervious materials such as earth, sand or clay. Dike or retain dilution water or water from firefighting for later disposal.

Neutralize residual product in the spill area using sodium carbonate or sodium bicarbonate.

7. Handling and storage

7.1. Precautions for safe handling

Do not get on skin or in eyes. Avoid breathing vapors and mists. Do not ingest. Handle and open container with care. Use only with adequate ventilation. Use caution when combining with water. DO NOT add water to corrosive liquid. ALWAYS add corrosive liquid water while stirring to prevent release of heat, steam and fumes. This product reacts violently with bases liberating heat and causing spattering.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Do not store near chlorine-containing compounds.

Store in a dry, well ventilated place. Store locked up; Keep away from incompatible materials. Ventilate enclosed areas.

Incompatible materials: Strong oxidizing agents, strong reducing agents, bases and certain metals

Store away from oxidizers and alkalines.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0001310-73-2	Sodium hydroxide	OSHA	TWA 2 mg/m3
		ACGIH	Ceiling: 2 mg/m3
		NIOSH	C 2 mg/m3
		Supplier	No Established Limit
0007664-38-2	Phosphoric acid	OSHA	TWA 1 mg/m3
		ACGIH	TWA: 1 mg/m3 STEL: 3 mg/m3
		NIOSH	TWA 1 mg/m3 ST 3 mg/m3
		Supplier	No Established Limit
0068391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068439-46-3	C9-C11 Synthetic Alcohol, Ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068956-79-6	n-alkyl dimethyl ethyl benzyl ammonium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Bell Kill Odor	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0001310-73-2	Sodium hydroxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007664-38-2	Phosphoric acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068439-46-3	C9-C11 Synthetic Alcohol, Ethoxylated	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068956-79-6	n-alkyl dimethyl ethyl benzyl ammonium chloride	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Bell Kill Odor	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MISHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eyes Wear face shield and eye protection. An emergency eye wash must be readily accessible to the work area. Ensure safety shower is available near all areas of bulk storage, delivery and use.

Skin Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Wear protective gloves selected with regard to both durability as well as permeation resistance Wear protective clothing

Engineering Controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Other Work Practices An eyewash fountain should be located in areas where the product is used. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Clear, Fluorescent Pink Liquid
Odor	Slight citrus
Odor threshold	Not determined
pH	< 1
Melting point / freezing point	Not available
Initial boiling point and boiling range	100°C to 200°C (212°F to 392°F)
Flash Point	Not available
Evaporation rate (Ether = 1)	Not available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** Not available **Upper Explosive Limit:** Not available
Vapor pressure (Pa)	<2 mmHg (torr) @ 20°C (68°F)
Vapor Density	Not available
Specific Gravity	Not available
Solubility in Water	Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity (cSt)	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Contact with incompatible materials

Do not store near chlorine-containing compounds.

10.5. Incompatible materials

Strong oxidizing agents, strong reducing agents, bases and certain metals

10.6. Hazardous decomposition products

Oxides of phosphorous.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Phosphoric acid - (7664-38-2)	No data available	No data available	No data available	No data available	No data available
Sodium hydroxide - (1310-73-2)	6,600.00, Mouse - Category: NA	1,350.00, Rabbit - Category: 4	600.00, Mouse - Category: NA	No data available	No data available
C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3)	5,100.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Bell Kill Odor - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides - (68391-01-5)	85 Category 4	2300,Category 5	No data available	No data available	No data available
n-alkyl dimethyl ethyl benzyl ammonium chloride - (68956-79-6)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Phosphoric acid - (7664-38-2)	Not Available	Not Available	Not Available
Sodium hydroxide - (1310-73-2)	196.00, Poecilia reticulata	40.38, Ceriodaphnia dubia	Not Available
C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3)	8.50, Pimephales promelas	2.686, Daphnia magna	Not Available
Bell Kill Odor - (Proprietary)	Not Available	Not Available	Not Available
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides - (68391-01-5)	0.52, Fish (Piscis)	Not Available	0.80 (96 hr), Algae
n-alkyl dimethyl ethyl benzyl ammonium chloride - (68956-79-6)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1805	UN1805	UN1805
14.2. UN proper shipping name	UN1805, Phosphoric acid solution, 8, III	Phosphoric acid solution	Phosphoric acid solution
14.3. Transport hazard class(es)	**DOT Hazard Class:** 8	**IMDG:** 8 **Sub Class:** Not Applicable	**Air Class:** 8
14.4. Packing group	III	III	III

14.5. Environmental hazards

IMDG Marine Pollutant: No;

14.6. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards

Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Phosphoric acid (5,000.00)

Sodium hydroxide (1,000.00)

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Phosphoric acid

Sodium hydroxide

Pennsylvania RTK Substances (>1%):

Phosphoric acid

Sodium hydroxide

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

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