



RADIANT Bowl Cleaner 25-4510 SDS

Date 10/24/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : Radiant Bowl Cleaner

Material number : 25-4510

Manufacturer or supplier's details

Company : UTILITY Enterprises Co., Inc.

Address : 700 Main Street
Westbury, NY 11590 USA

Telephone : 516-997-6300

Emergency telephone numbersFor a Medical or
Transportation Emergency : Infotrac 1-800-535-5053

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	blue
Odor	characteristic

GHS ClassificationSkin corrosion/irritation : Category 1
Serious eye damage/eye
irritation : Category 1**GHS Label element**

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P264 Wash hands thoroughly after handling.

Response:
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

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

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

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Potential Health Effects

Carcinogenicity:

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration [%]
HYDROCHLORIC ACID	7647-01-0	>= 5 - <= 15

SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If inhaled, remove to fresh air.
If not breathing, give artificial respiration.
If unconscious place in recovery position and seek medical advice.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Wash contaminated clothing before reuse.
- In case of eye contact : In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Remove contact lenses.
- If swallowed : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.
Give small amounts of water to drink.
If symptoms persist, call a physician.
Keep respiratory tract clear.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media	: None known.
Specific hazards during firefighting	: Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: Carbon dioxide (CO ₂) Carbon monoxide Smoke
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Standard procedure for chemical fires.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Ventilate the area.
Environmental precautions	: Prevent further leakage or spillage.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	: Avoid contact with eyes. Do not breathe vapours or spray mist. Do not get on skin or clothing. Keep container closed when not in use. Smoking, eating and drinking should be prohibited in the application area. Use only with adequate ventilation/personal protection.
Conditions for safe storage	: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep containers tightly closed in a cool, well-ventilated place. To maintain product quality, do not store in heat or direct sunlight.
Materials to avoid	:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
HYDROCHLORIC ACID	7647-01-0	C	2 ppm	ACGIH
		C	5 ppm 7 mg/m ³	NIOSH REL
		C	5 ppm 7 mg/m ³	OSHA Z-1
		C	5 ppm 7 mg/m ³	OSHA P0

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Ensure that eyewash stations and safety showers are close to the workstation location.
Safety goggles
Face-shield

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : blue

Odor : characteristic

Odor Threshold : no data available :

pH < 1.5

Melting point/freezing point : no data available

Boiling point : no data available

Flash point : does not flash

Evaporation rate : no data available

Upper explosion limit : no data available

Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative density	: 1.047
Density	: no data available
Solubility(ies)	
Solubility in other solvents	: soluble
Partition coefficient: n-octanol/water	: no data available
Thermal decomposition	: no data available
Viscosity	
Viscosity, kinematic	: no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions.
Conditions to avoid	: no data available
Incompatible materials	: Bases
Hazardous decomposition products	: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

Product:

Remarks: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Product:

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

HYDROCHLORIC

ACID: STOT - single

exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

Product:

Partition coefficient: n- : Remarks: no data available
octanol/water

Mobility in soil

no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
ORM-D, CONSUMER COMMODITY

Transportation Regulation: IMDG (Vessel):
UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN1760, Corrosive liquid, n.o.s., (HYDROCHLORIC ACID), 8, II - Limited quantity

Transportation Regulation: IATA (Passenger Air):
UN1760, Corrosive liquid, n.o.s., (HYDROCHLORIC ACID), 8, II - Limited quantity

Transportation Regulation: TDG (Canada):
UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II - Limited quantity

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA	On TSCA Inventory
AICS	On the inventory, or in compliance with the inventory
DSL	This product contains one or several components listed in the Canadian NDSL.
IECSC	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory

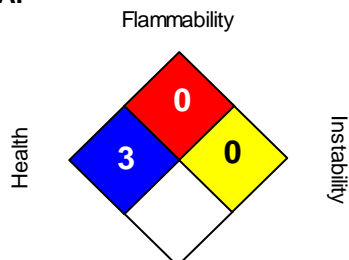
Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

OSHA GHS Label Information:

Hazard pictograms :



Signal word :
Hazard statements :
Precautionary statements :

Danger:
Causes severe skin burns and eye damage.

Prevention: Wear protective gloves/ protective clothing/ eye protection/ face protection.
Wash hands thoroughly after handling.

Response: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local regulation.

Disclaimer:

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