

SAFETY DATA SHEET – Tub, Tile & Bowl Cleaner

Section 1: Product & Company Identification

Trade Name: Tub, Tile & Bowl Cleaner
Product #: SA-245
Product Use: Tub, tile and toilet cleaner
Manufacturer: Hesco, Inc.
 6633 N. Milwaukee Ave
 Niles, IL 60714
 Phone: (800)822-7463
Emergency: CHEMTREC: (800)424-9300

Section 2: Hazards Identification

Emergency Overview: DANGER
 CORROSIVE
 Corrosive to skin and respiratory tract. Causes serious eye damage. HARMFUL OR FATAL IF SWALLOWED
GHS Class.: Skin Corrosion/Irritation; 1B
 Serious Eye Damage/Irritation; 1



Potential Health Effects:

Skin: Skin irritation. Prolonged and repeated skin contact can cause dermatitis and burning of mucous membranes.
Eyes: Irritation.

Section 3: Composition/Information on Ingredients

Ingredient	CAS #	Wt. %
Quaternary ammonium chloride	70750-47-9	1 – 5
Phosphoric acid	7664-38-2	20 – 30
Alcohol C9-11, ethoxylated	68439-46-3	5 – 10

Section 4: First Aid Measures

Eyes: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5: Fire Fighting Measures

Flash Point: None to boiling.

Upper & Lower Flame Limits Not determined.

Extinguishing Media: Select for surrounding material.

Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Hazardous Combustion Products: Contact with metals will generate hydrogen gas.

Unusual Fire Explosion Hazards Explosive mixtures can form with air. Combustion products are toxic. Solvent vapors can travel to an ignition source and flash back.

Section 6: Accidental Release Measures

Spill and Leak Procedures

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Large Spills: Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

Section 7: Handling & Storage

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: *Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.*

Personal Protective Equipment:

Eyes/Face: Wear chemical goggles. Use a face shield if splashing is possible.

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory: If exposure limits are exceeded or if irritation is experienced, a NIOSH/MSNA approved respirator or an organic/vapor removing cartridge respirator protection device should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

General: Eye wash fountain and emergency showers are recommended.

The following ingredients have established exposure guidelines:
 Phosphoric acid: 1 mg/m³ TWA (ACGIH); 3 mg/m³ STEL (ACGIH)

Section 9: Physical & Chemical Properties

Flash Point: None to boiling.
Specific Gravity: 1.15 (~9.58 lbs/gal)
Percent Volatiles: 70.4
Vapor Pressure: 20 mmHg
Boiling point: Not Determined
Vapor Density: Not determined.
Viscosity: Not determined
Evaporation Rate: Slower than water
Solubility: Complete
pH : 1.0 – 1.5
Appearance and Odor: Clear red liquid with mint fragrance.

Section 10: Stability & Reactivity

Chemical Stability: Material is stable.
Conditions to Avoid: Keep away from heat and strong oxidizing agents.
Incompatibilities: Carbonates, alkalis, powdered metals, chlorine, amines, amides, phenols, cresoles.
Hazardous Decomposition: Hydrogen gas; phosphorous oxides by thermal decomposition.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Carcinogenicity This product and its components are not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.			
Component:	LD50 Oral:	LC50 Inhalation:	LD50 Dermal:
Phosphoric acid	1530 mg/kg (Rat)	-----	2740 mg/kg (Rabbit)

Section 12: Ecological Information**Ecotoxicity** No information available for components toxicity to aquatic life. May be harmful to aquatic life.**Environmental Fate**

This product is biodegradable

Section 13: Disposal Considerations**Disposal Instructions****CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.**Section 14: Transport Information****DOT/IMDG/IATA Hazard Classification:** Limited Quantity (Quart packaging only)**Shipping Name:** Phosphoric Acid Solution**Identification Number:** UN1805**Hazard Class:** 8**Packing Group:** III**Label Required:** Limited Quantity**Section 15: Regulatory Information****US Federal Regulations** This product is considered a pesticide, and is therefore excluded from United States TSCA Regulations.**CERCLA(Superfund) reportable quantity** Phosphoric acid 5000 lbs. RQ**Superfund Amendments and reauthorization Act of 1986 (SARA)**

Section 302 extremely hazardous substance	None
Section 311 hazardous chemical	Phosphoric acid
Section 313	Phosphoric acid

Inventory Status

Australia	Australian Inventory of Chemical Substances (AICA)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

United States and Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

No

A "yes" indicates that all the components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US New Jersey, Rhode Island, Pennsylvania, Minnesota, Massachusetts RTK Substances: Listed substance: Phosphoric acid

California Proposition 65:

This product is not listed, but it may contain impurities/trace elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

Section 16: Other Information

Current Issue Date: June 7, 2016
Revision Date: June 7, 2016

Hazard Ratings	HMIS (II)	NFPA
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE	B	

Disclaimer

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