

STAPLES CONTRACT & COMMERCIAL, INC.
500 Staples Drive
Framingham, MA 01702
1-888-322-0912
24-HR MEDICAL AND DOT EMERGENCIES: 1-888-322-0912

MSDS #: BPR302
Hazard Rating
Health 2 2
Flammability 0 0
Physical hazards 0 -
Reactivity - 0
Special B None

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION

Product: SPECTRUM™

This MSDS applies to Manufacturer Item Numbers: STP18443, BPR302032-A

MSDS CODE: BPR302.0813

Prepared by: Regulatory Specialist, Staples Brand Group, (508) 253-5000

GENERIC DESCRIPTION

Acid Bowl Cleaner Thickened

DATE ISSUED

08-30-2013

SUPERSEDES

10-01-2012

SECTION 2: HAZARDS IDENTIFICATION

Emergency overview: Danger! Corrosive liquid.

Potential short term health effects:

Routes of exposure: Eyes, skin, inhalation.

Eyes: May cause irreversible eye damage.

Skin: Causes skin burns.

Inhalation: May cause irritation and burning of respiratory passages.

Ingestion: May cause severe irritation or damage of mucosal linings of the mouth, throat, esophagus or stomach.

Target organs: Eyes, skin, and respiratory system.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms: Symptoms may include redness, edema, drying defatting and cracking of the skin. Symptoms of overexposure may include headache, dizziness, tiredness, nausea and vomiting.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Components	CAS #	% by Wt.	LD ₅₀ (oral)
Hydrochloric acid	7647-01-0	9.5	238-277 mg/kg, rat
Amine ethoxylate	61791-24-0	1	Not available
Quaternary ammonium chlorides	68424-85-1	<1	Not available

SECTION 4: FIRST AID MEASURES

Emergency First Aid Procedures:

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Seek immediate medical attention.

Skin: Remove contaminated clothing and shoes immediately. Wash skin with large amounts of running water, and soap if available, for 15 minutes. Seek immediate medical attention. Wash clothing and decontaminate shoes before reuse.

Ingestion: Rinse mouth with water and then drink plenty of water. Seek immediate medical attention. DO NOT induce vomiting. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

Inhalation: Move person to fresh air. If not breathing, clear airway and start artificial respiration and call 911 immediately. If victim is having trouble breathing, give supplemental oxygen if available. Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: None **Flammable Limits:** Not known. **Extinguishing Media:** Use standard fire fighting measures to extinguish fires involving this material (water spray, dry powder, CO₂ or foam). **Special Fire Fighting Procedures:** Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. **Unusual Fire and Explosion Hazards:** Products of combustion are toxic.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Caution: Ventilate area immediately. Avoid walking in spill – floors may become slippery. Wear appropriate protective gear to avoid skin or eye contact. Dike and contain spill with inert material (sand, clay). Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

SECTION 7: HANDLING AND STORAGE

Avoid contact with skin and eyes. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Keep containers closed until used. Do not contaminate drinking water, food or feed by storage or disposal. Store in original container in a cool, dry, well ventilated area away from sources of ignition and inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Use product only according to label directions.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Ingredient	ACGIH-TLV	OSHA-PEL
Hydrochloric acid #7647-01-0	2 ppm (Ceiling)	5 ppm (Ceiling)
Quaternary ammonium chlorides #68424-85-1	Not available	Not available

Engineering Controls: In applications where sprays or mists may be generated, proper ventilation in accordance with good industrial hygiene should be provided.

Respiratory Protection: If ventilation is not sufficient to effectively prevent buildup of mist or vapors, a NIOSH/MSHA jointly approved respirator is advised.

Protective Gloves: Wear nitrile rubber or neoprene gloves to prevent skin contact.

Eye Protection: Wear chemical splash-proof goggles to prevent eye contact.

Other Protective Measures: Wear protective clothing (long sleeves, coveralls or other, as appropriate) to prevent skin contact. Have eye wash station and safety shower readily accessible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Clear, green liquid/Floral odor	Specific Gravity: 1.045
Odor threshold: Not available	Vapor Pressure: Not available
pH (Concentrate): <1	Vapor Density: Not available
Boiling Point: 212°F	Freezing Point: Not available
Solubility in Water: Soluble	Evaporation Rate (H₂O = 1): >1
V.O.C. Content (by weight): <1% (<10 g/L)	Coefficient of water/oil distribution: Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable **Conditions to Avoid:** None known.
Incompatibility: Do not mix with chlorine bleach or other chemicals. **Hazardous Polymerization:** Will not occur.
Hazardous Decomposition Products: Thermal decomposition may produce toxic vapors/fumes of amines, carbon oxides, and hydrogen chloride

SECTION 11: TOXICOLOGICAL INFORMATION

Effects of acute exposure:

Routes of exposure: Eyes, skin, inhalation.

Eyes: May cause irreversible eye damage.

Skin: Causes skin burns.

Inhalation: May cause irritation and burning of respiratory passages.

Ingestion: May cause severe irritation or damage of mucosal linings of the mouth, throat, esophagus or stomach.

Chronic Toxicity: This product has not been evaluated for its chronic toxicology profile.

Carcinogenicity: This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

Sensitization: Not expected to cause skin sensitization.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity – Acute Toxicity Data:

Freshwater Algae

Hydrochloric acid #7647-01-0 72 Hr EC₅₀ Selenastum capricornutum: 0.492 mg/L

Freshwater Fish

Hydrochloric acid #7647-01-0 96 Hr LC₅₀ Oncorhynchus mykiss: 10.3 mg/L (pH 5.3)

Water Flea

Hydrochloric acid #7647-01-0 48 Hr EC₅₀ Daphnia magna: 0.492 mg/L (pH 5.3)

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in compliance with all Federal, state and local laws and regulations. Do not contaminate water, food or feed by storage or disposal.

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.

Container Disposal: Nonrefillable container. Do not reuse or refill this container.

Unsealed containers: Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

Sealed containers: Wrap empty container and put in trash.

SECTION 14: TRANSPORT INFORMATION

U. S. DOT EMERGENCY 24-HR: 1-888-322-0912 Hazard Class: 8 Packing Group: II

Proper Shipping Name: UN3264, Corrosive Liquid, Acidic, Inorganic, n.o.s. (contains Hydrochloric Acid)

LABEL (Special DOT Information): When packaged in containers of 4.9 liters (1.3 gallons) or less, this product may be shipped under the 49 CFR 173.150 packaging exemption for Limited Quantity and is Consumer Commodity ORM-D.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This product is EPA registered. EPA Registration#: 8155-6-86226.

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

Ingredient	CAS#	State Right-to-Know	SARA EHS Sect. 302 TPQ(lbs)	SARA EHS Sect. 304 RQ(lbs)	CERCLA RQ (lbs)
Hydrochloric acid	7647-01-0	CA, PA, MA, MN, NY	N/A	N/A	N/A

N/A = Not Applicable

SARA 311/312 Hazard Categories:

Immediate/Acute: Yes Delayed/Chronic: No Fire: No

Pressure: No Reactivity: No

SARA Section 313 Toxic Chemicals: None

All components listed on the U.S. Toxic Substances Control Act (TSCA) inventory.

SECTION 16: OTHER INFORMATION

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at www.staples.com. Keep MSD Sheets filed and organized in an area accessible to workers according to the OSHA Hazard Communication Standard.

All information contained in this Material Safety Data Sheet is provided to the best of Staples Contract & Commercial, Inc's knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the MSDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this MSDS. This MSDS was prepared for the sole purpose of compliance with the Occupational Safety and Health Administration's Hazard Communication Standard and that is its only intended use.