

Safety Data Sheet

SDS ID: Stock Code TUBC

Revision date: January 20, 2020

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Talon Urinal Cleaner and Descaler
Synonyms: None
Chemical family: N/A
Producer: J.C. Whitlam Manufacturing Company
200 West Walnut Street
P.O. Box 380
Wadsworth, Ohio 44282-0380
www.jcwhitlam.com

Telephone: 330-334-2524 Available during normal business hours

Emergency: 800-255-3924 CHEM-TEL

Section 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Avoid contact with skin, eyes and clothing.

Eyes: Causes irritation, corneal burns and conjunctivitis.

Skin Contact: Very brief contact may cause irritation with itching, local redness and possibly swelling. Prolonged contact causes chemical burns with local discomfort or pain, severe excess redness and swelling, tissue destruction, fissures and/or ulcer.

Ingestion: Toxic. Causes irritation or chemical burns of the mouth, throat, chest and abdomen, nausea, vomiting, diarrhea.

Inhalation: Inhalation of gases or acid mist causes irritation or corrosive burns to upper respiratory system. Lung irritation, nitrogen oxide poisoning and pulmonary edema can also occur at elevated concentration (over 200 ppm).

Causes severe burns to skin and eyes.

GHS Label elements, including precautionary statements



CORROSIVE

Precautionary Statements: P262 + P264 + P281 + P273 Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Use personal protective equipment as required. Avoid release to the environment

Inhalation: P304 + P340 + P342 + P315 Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical attention.

- Ingestion:** P301 + P321 + P330 + P314 Do NOT induce vomiting. Unless otherwise advised by a physician. Rinse mouth. Get Medical attention if you feel unwell.
- Skin Contact:** P303 + P361 + P352 + P363 Remove immediately all contaminated clothing. Wash with soap and water. Wash contaminated clothing before reuse.
- Eye Contact:** P305 + P351 + P338 + P315 Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get immediate medical attention.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information:

Name	CAS No.	Weight %
Hydrochloric Acid	007647-01-0	18

**Note: The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary.*

Section 4. FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.
Get Immediate Medical Attention.
- Skin contact:** Remove contaminated clothing. Immediately wash thoroughly with soap and water, then flush with plenty of water. Do not reuse clothing before washing. **Get Immediate Medical Attention.**
- Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.
Get Immediate Medical Attention.
- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during this flushing with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Get Immediate Medical Attention.

Note to Physician: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

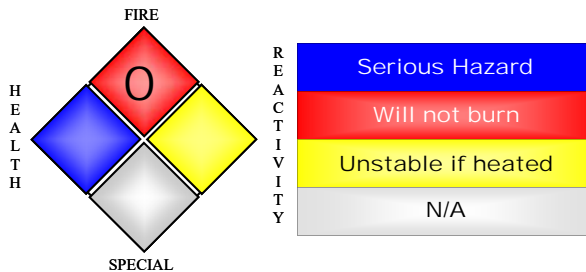
Section 5. FIREFIGHTING MEASURES

- Suitable extinguishing media:** Water spray, dry chemical, carbon dioxide. Use water spray to cool nearby containers and structures exposed to fire.
- Specific hazards:** N/A

Special protective equipment for firefighters: Evacuate non-emergency personnel to a safe area. Contact emergency personnel as necessary. Avoid breathing smoke, fumes, and decompositions products. As in any fire wear self-contained breathing apparatus pressure demand MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA rating: HMIS rating:

Health:	N/A	N/A
Flammability:	0	0
Instability/reactivity:	N/A	N/A
Other:	N/A	N/A



Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ventilate area of the leak or spill. Wear appropriate personal protective equipment. In any event, always wear eye protection.
Methods for Containment and Clean up	Keep unnecessary and unprotected personnel from entering area. For small and large spills, contain by diking with soil or other noncombustible sorbent material and then pump into DOT approved waste containers. KEEP OUT OF SEWERS, STORMS DRAINS, SURFACE WATERS AND SOILS. Comply with applicable government regulations on spill reporting, handling and disposal of waste.

Section 7. HANDLING AND STORAGE

Handling:	Avoid excessive inhalation of vapors and mists. Wash thoroughly after handling. Clean contaminated clothing before reuse. An eye/face fountain and deluge shower should be available in the work area. Empty containers may retain vapors or product residue. Always obey hazard warnings and handle empty containers as if they were full. Do not get in eyes, on skin or on clothing. Do not swallow. Do not breathe vapors or mists. Do not eat, drink or smoke in work area containing chemicals.
Storage:	Store in cool, well ventilated place away from incompatible chemicals and materials.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Name	CAS No.	ACGIH® TLV® Exposure Limits:	Federal OSHA PELs	OSHA PELs 1989 ^c
Hydrochloric Acid	007647-01-0	5 ppm	5 ppm	5 ppm

PERSONAL PROTECTIVE EQUIPMENT

Engineering Measures: Not available

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Use NIOSH/NSHA approved dust/mist filter respirator for routine work purposes when exposure to dusts or mists exceed the permissible exposure level (PEL). The respirator use limitations made by NIOSH/NHSA 20 CFR 1910.134.

Skin and body protection: Rubber/plastic gloves. Appropriate clothing.

Eye protection: Chemical safety goggles or safety glasses or face shield.

Hygiene measures: No data available.

Other Precautions: Local ventilation is adequate.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear blue

Physical state (solid/liquid/gas): Liquid

Substance type (pure/mixture): Mixture

Color: Clear blue

Odor: Mild odor

Molecular weight: Not Available

pH: <2

Boiling point/range (5-95%): >212°F

Melting point/range: Not Available

Decomposition temperature: Not Available

Specific gravity: 1.077

Vapor density: > 1.0

Vapor pressure: < 1.0

Evaporation rate (Butyl acetate= 1): > 1.0

Flash point, method used: Not available

Water solubility: Complete

VOC Content: Not Available

Auto-ignition temperature: Not Available

Flammable limits in air — lower (%): Not Available

Flammable limits in air — upper (%): Not Available

Section 10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Possibly hazardous reactions: No data available.

Conditions to avoid: Excessive heat, open flames, sparks or any other ignition source.

Incompatible Materials: Contact with strong bases, peroxides, bleaches. Oxidizing agents may degrade polymer.

Hazardous decomposition products: Burning can produce: oxides of carbon silicon, nitrogen and hydrocarbons. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute exposure to the products of combustion may result in irritation of the respiratory tract.

Polymerization: Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Excessive exposure leads to depression of the central nervous system. Causes eye irritation, moderate skin irritation.

Product information:

Name	CAS No.	Inhalation:	Dermal:	Oral:
Hydrochloric Acid	007647-001-0	N/A	N/A	N/A

LC₅₀ — The concentration of the chemical in air that kills 50% of the test animals in a given time (usually four hours).

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Not available
Persistence: Not available
Degradability: Not available

Section 13. DISPOSAL CONSIDERATIONS

Cleanup considerations: Disposal of this material must be done in accordance with federal, state and/or local regulations. Recycle if feasible or treat at an industrial or liquid waste facility.

Section 14. TRANSPORT INFORMATION

Shipping Name: Hydrochloric acid, solution
Hazardous Class: 8
ID Number: UN1760
Packing Group: II
Label Required: Corrosive

Exception to the rule: If the package that contains the hazardous material is in a small consumer size (less than 1 L) then the rules that apply to shipping hazardous materials do not apply. This is called an "Exception". This is classified as Consumer Commodity ORM-D.

Section 15. REGULATORY INFORMATION

FEDERAL INFORMATION

Chemical Name	CAS#	Max %	Clean Air Act	313 Toxic Chemicals	Clean Water Act	CERCLA Reportable Quantity (pounds)	Reportable Product Quantity (pounds)
Hydrochloric acid	007647-01-0	18	yes	yes	yes	5,000	27,778

STATE INFORMATION

Chemical Name	CAS#	Max %	States	Prop 65
Hydrochloric acid	007647-01-0	18	MA, NJ, PA	No

INTERNATIONAL INFORMATION

Chemical Name	CAS#	Max %	Canadian DSL	EINECS Number	WHMIS
Hydrochloric acid	007647-01-0	18	Yes	231-595-7	No

Section 16. OTHER INFORMATION

Standards and Certification Listings:

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, the J.C. Whitlam Manufacturing Company, Inc., and its related operations or divisions (Whitlam) do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Whitlam assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.