MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TWIN HEAVY DUTY TOILET BOWL CLEANER

PRODUCT CODE: 14560-1 to 14564-1

BATCH/LOT/LOT CODE (REV): NEAR DATE/UPC/EXP:

PREPARED BY: Terry A. Meyers

Chemical Info. Admin.

SECTION II - INGREDIENT INFORMATION

INGREDIENTS

Hydrochloric Acid (CAS# 7647-31-0)
Water

EXPOSURE LIMIT

FAAC/OSHA CEILING
70-76
NA

SECTION III - PHYSICAL DATA

APPEARANCE/OLOUR: Dark blue, opaque liquid with wakewater odor
SPECIFIC GRAVITY (20°/0°C): 1.1
VAPOR PRESSURE (mm Hg): ND
VAPOR DENSITY (AIR=1): ND
FLAMMABILITY IN WATER: Complete
FLASH POINT (°F) (Method used): ND
EVAPORATION RATE (Butyl Acetate=1): ND
POC (as packaged, minus N2O): ND

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method used): NA
FLAMMABLE LIMITS: NA.

SECTION V - HEALTH HAZARD DATA

LETHALITY: 0
HMTG: Health 0
HYDROGEN:влаж 0
HAZARD RATING: 1
NFPA: Reactivity 1

SECTION VI - REACTIVITY DATA

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: None known
UNCOMPATIBILITY: Strong alkalies/bases/caustics (e.g., sodium hydroxide). See Section X.
HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire produces an acid mist.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: None known

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Rinse affected area thoroughly with water. Wear/Use appropriate protective equipment.

SECTION VIII - SPECIAL PROTECTION INFORMATION

INHALATION PROTECTION: If ventilation is adequate, respiratory protection not required.
VENTILATION: General room ventilation is normally adequate. Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
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**SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)**

**Eye Protection:** Chemical workers splash-proof goggles

**Skin protection measures:** Use good personal hygiene practices. Where gross eye/skin contact may be a problem, wear/use appropriate protective equipment.

**SECTION IX-SPECIAL PRECAUTIONS**

**Precautionary labels:**
- **DANGER:** Poison. Keep out of reach of children. Corrosive.
- chemical burns. Do not breathe vapor or fumes. Use protective face shield and rubber gloves when handling.

**Other handling and storage conditions:** Product residue may remain in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Keep out of reach of children.

**SECTION X-ADDITIONAL INFORMATION**

**Additional information:** Strong oxidizing materials (e.g., liquid chlorine), flammables and ammonia; may discolor metals.

**DOT Registration #:** 81553-4822

**DOT CLASS:** Corrosive Material (Liquid).

**SHIP #:** NA1789.

**SHIPPING NAME:** Compound, Cleaning, Liquid, Corrosive Material NA 1786

**SECTION XII-REGULATORY INFORMATION**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

There are no ingredients subject to the reporting requirements under California’s Proposition 65.

MA - These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.

NJ - These ingredients are subject to the reporting requirements under the New Jersey Right to Know Hazardous Substance List.

PA - These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.

BARA - These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372.