MATERIAL SAFETY DATA SHEET

S.C. Johnson Wax
Racine, Wisconsin 53403-5011
4-Very High
3-High
2-Moderate
1-Slight
0-Insignificant
HAZARD RATING
HMIS
Flammability
Reactivity
NPF

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: CREW TOILET BOWL CLEANER
PRODUCT CODE: 14565-2-3 to 14565-2-3
CHEMICAL OR COMMON NAME: [SARA, PA, NJ, MA] Hydrochloric Acid
CAS# 7647-01-0
N-Alkyl Dimethylbenzyl Ammonium
Chloride (CAS# 66391-01-5)
N-Alkyl Dimethylethylbenzyl Ammonium
Chloride (CAS# 27479-28-3)
DATE ISSUED: 06/29/90
SUPERSEDES: NA
PREPARED BY: Terry A. Meyers
Chemical Info. Adm.

SECTION II - INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>WEIGHT %</th>
<th>EXPOSURE LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>85-90</td>
<td>NA</td>
</tr>
<tr>
<td>(SARA, PA, NJ, MA) Hydrochloric Acid (CAS# 7647-01-0)</td>
<td>9.5</td>
<td>5 PPM ACGIH/OSHA CEILING</td>
</tr>
<tr>
<td>N-Alkyl Dimethylbenzyl Ammonium Chloride (CAS# 66391-01-5)</td>
<td>0.05</td>
<td>NOT ESTABLISHED</td>
</tr>
<tr>
<td>N-Alkyl Dimethylethylbenzyl Ammonium Chloride (CAS# 27479-28-3)</td>
<td>0.05</td>
<td>NOT ESTABLISHED</td>
</tr>
</tbody>
</table>

See Regulatory Information (Section XII) for explanation of bracketed information.

SECTION III - PHYSICAL DATA

APPEARANCE/ODOR: Light green, opaque liquid with floral odor
SPECIFIC GRAVITY (H2O=1): 1.050
VAPOR PRESSURE (mm Hg): ND
PERCENT VOLATILE BY VOLUME (%): 95
SOLUBILITY IN WATER: Complete
DENSITY (AIR=1): ND
FREEZING POINT (°F): ND
ROLLING POINT (°F): 212
FLASH POINT (°F) Method Used: NA
FLAMMABLE LIMITS: NA

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F): Method Used: NA
STABILITY: Stable
STABILITY CONDITIONS TO AVOID: None Known
INCOMPATIBILITY: Strong alkalis/bases/caustics (e.g., sodium hydroxide). See Section X.
HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire: May form an acid mist.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: None Known

SECTION V - HEALTH HAZARD DATA

SIGNS AND SYMPTOMS: Direct contact of product vapor with eyes can cause severe irritation. Direct contact of product with eyes can cause severe irritation and damage. Direct contact of product with skin can cause irritation. If taken internally, product may cause corrosive damage to mouth, throat or stomach. Product vapors may cause severe irritation to nose, throat and lungs if inhaled.
FIRST AID PROCEDURES: If eye contact occurs, flush eyes with water for 15 minutes, then get prompt medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If product is swallowed, drink large amounts of water or milk and seek medical aid. For ingestion, due to the extreme pH of the product, the possibility of corrosive damage to mouth, throat and stomach should be considered in treatment. If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.
MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None

SECTION VI - REACTIVITY DATA

STABILITY: Stable

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Line affected area thoroughly with water. Wear/use appropriate protective equipment.
WASTE DISPOSAL INFORMATION: For undiluted product: Disposal is regulated under the Resource Conservation and Recovery Act as a corrosive waste (40 CFR 261.22). Disposal of regulated quantities should be by neutralization at a permitted facility in accordance with all Federal/State regulations and local ordinances regarding disposal of corrosive wastes. Waste from normal product use may be swerved to a public-owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

SECTION VIII - SPECIAL PROTECTION INFORMATION

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

PROTECTIVE GLOVES: Rubber, Neoprene.

EYE PROTECTION: Chemical workers splash-proof goggles.

OTHER PROTECTIVE 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 LABELLING: Danger: Poison. Keep out of reach of children. Corrosive. May be fatal if swallowed. Do not breathe vapor or fumes. Produces chemical burns. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling.

OTHER HANDLING AND STORAGE CONDITIONS: Product residue may remain on/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. Wash thoroughly after handling.

SECTION X - ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: Strong oxidizing materials (e.g., liquid chlorine), flammables and ammonia; may discolor metals.

EPA REGISTRATION #: 8155-6-4822

SECTION XI - TRANSPORTATION INFORMATION

DOT CLASS: 

DOT #: 

SHIPPING NAME: 

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.

SARA - These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986.