

MATERIAL SAFETY DATA SHEET
WhirlAway Whirlpool Bath System Cleaner & Deodorizer

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: WhirlAway Whirlpool Bath System Cleaner & Deodorizer

Manufacturer:

Chemique, Inc.
315 N. Washington Avenue
Moorestown, NJ 08057
(856) 235-4161

MSDS Date of Preparation: 05/14/12

EMERGENCY PHONE: (800) 535-5053 (Infotrac)

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Sodium Percarbonate	15630-89-4	80-100

SECTION 3: HAZARDS IDENTIFICATION

This product is a white granular solid with no odor.

EMERGENCY OVERVIEW

DANGER!

Oxidizer. Contact with other materials may cause fire. May cause eye, skin and respiratory irritation. Harmful if swallowed.

HEALTH HAZARDS:

INHALATION: Inhalation of dust may cause mucous membrane and upper respiratory tract irritation.

SKIN CONTACT: May cause skin irritation with redness and itching. Prolonged contact may cause dermatitis.

EYE CONTACT: May cause irritation with redness and tearing. May cause burns with possible permanent eye lesions.

INGESTION: Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC EFFECTS OF OVEREXPOSURE: Prolonged exposure may cause dermatitis, nosebleeds, sore throat and chronic bronchitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Person with pre-existing eye, skin, and respiratory disorders.

SECTION 4 FIRST AID MEASURERS

MATERIAL SAFETY DATA SHEET
WhirlAway Whirlpool Bath System Cleaner & Deodorizer

EYE CONTACT: Flush eye with plenty water for 15 minutes while lifting the upper and lower lids. Get medical attention, preferably by an ophthalmologist.

SKIN CONTACT: Wash thoroughly with soap and water until no traces of the chemical remains. Remove contaminated clothing and launder before reuse. Get medical attention if irritation or symptoms of exposure develop.

INHALATION: Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention. .

INGESTION: If conscious, give 1-2 glasses of water to dilute. Do not induce vomiting unless directed to by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: Non-flammable

FLAMMABLE LIMITS: (vol % in air) **LEL – N/A** **UEL – N/A**

AUTOIGNITION TEMPERATURE: Not available

EXTINGUISHING MEDIA: Use water to extinguish fire. Do not use dry chemical or foam.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Fight fire from maximum distance or use unmanned hose holders. Do not allow run-off from fire fighting to enter drains or water courses. Runoff may cause pollution.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxidizer. Product may accelerate burning or decompose explosively. May cause ignition in contact with combustibles.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective clothing and equipment as described in Section 8. Evacuate spill area and keep unprotected personnel away. Remove all combustible or flammable materials from spill area if it is safe to do so. Sweep up and place into appropriate container for disposal. Vacuum up remaining dust. Do not use combustible absorbents or towels. Report releases as required by local, state and federal authorities.

SECTION 7 HANDLING and STORAGE

MATERIAL SAFETY DATA SHEET
WhirlAway Whirlpool Bath System Cleaner & Deodorizer

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container tightly closed. Store in a cool, well ventilated area away from combustible or reducing materials. Do not store on wooden floors.

Avoid eye and skin contact. Avoid breathing dusts. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling. Keep product away from all combustible and flammable materials.

OTHER PRECAUTIONS: Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Sodium Percarbonate	15630-89-4	5 mgm ³ TWA Manufacturer

RESPIRATORY PROTECTION: In areas where exposure may be excessive, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

VENTILATION: Use adequate general or local exhaust ventilation to minimize exposure levels.

GLOVES: PVC, neoprene, rubber or other impervious gloves may be worn to prevent skin contact.

PROTECTIVE CLOTHING: Impervious apron, boots and other clothing may be worn if needed to prevent contact.

EYE PROTECTION: Wear dustproof goggles to prevent eye contact in case of dusty conditions. Do not wear contact lenses.

OTHER PROTECTIVE EQUIPMENT: For operations where contact can occur, a safety shower and an eye wash facility should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT (@ 760 mmHg): Decomposes

SPECIFIC GRAVITY (H₂O=1): Not available

BULK DENSITY: 1-1.2 g/cm³

EVAPORATION RATE: Not applicable

pH: 10.4-10.6 1% solution

VOC Content: None

APPEARANCE AND ODOR: White granular solid with no odor.

MELTING POINT: Not applicable

VAPOR PRESSURE: Not available

VAPOR DENSITY (AIR=1): Not available

SOLUBILITY IN WATER: Soluble

COEFFICIENT OF WATER/OIL: Not available

SECTION 10 STABILITY and REACTIVITY

MATERIAL SAFETY DATA SHEET
WhirlAway Whirlpool Bath System Cleaner & Deodorizer

STABILITY: This material is stable.

CONDITIONS TO AVOID: Avoid excessive heat and moisture.

INCOMPATIBILITY: Avoid water, acids, bases, salts of heavy metals, reducing agents, organic materials and combustible and flammable materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield oxygen, steam and heat.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGY DATA: This product has not been tested as a whole. Toxicity values for the components are:

Product: Oral Rat LD50 1,035 mg/kg

Inhalation Rat: >4,580 mg/m³

None of the components of this product is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

None of the components in this product have tested positive for mutagenicity.

None of the components are known to cause sensitization in animals or humans.

SECTION 12: ECOLOGICAL INFORMATION

Product: LC50 fish: 70.7 mg/L

Ec50 daphnia pulex: 4.9 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT SHIPPING NAME: Sodium Carbonate Peroxyhydrate

DOT HAZARD CLASSIFICATION: 5.1 PG II

MATERIAL SAFETY DATA SHEET
WhirlAway Whirlpool Bath System Cleaner & Deodorizer

DOT LABELS REQUIRED (49CFR172.101): Oxidizer

UN NUMBER: UN3378

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Irritant, oxidizer

EPA SARA 311 HAZARD CLASSIFICATION: Acute health, fire hazard

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

None

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

WHMIS CLASSIFICATION: Class C – Oxidizing Material; Class D - Division 2B (Toxic material causing other chronic effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product contains the following chemicals which are known by the State of California to cause cancer or reproductive toxicity (birth defects): None

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 2 Fire: 0 Reactivity: 1 Special: OX