



SAFETY DATA SHEET

NAME OF PRODUCT: G.T.C.™ General Tray Cleaner

FILE NO.: SDS459

SDS DATE: 06/19/2014

SECTION 1: IDENTIFICATION

PRODUCT NAME: G.T.C. General Tray Cleaner
PRODUCT CODES: 0921004, 0921459
IDENTIFIED USES: Dentistry
USES ADVISED AGAINST: Non-dental use
MANUFACTURER: Harry J. Bosworth Company
ADDRESS: 7227 North Hamlin Avenue, Skokie, Illinois 60076-3999, USA
TELEPHONE: 847-679-3400
FAX: 847-679-2080
EMAIL: hjbinfo@bosworth.com
EMERGENCY PHONE: 800-535-5053 (US and Canada)
352-323-3500 (International)

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Oxidizing solids (Category 3)
Acute toxicity, Oral (Category 5)
Skin corrosion (Category 1B)
Serious eye damage (Category 1)
Specific target organ toxicity - single exposure (Category 3), Respiratory system
Reproductive toxicity (Category 2)
Acute aquatic toxicity (Category 3)
LABELING: FDA regulated device - exempt from Regulation (US) 29 CFR 1910.1200.

PICTOGRAM:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H272	May intensify fire; oxidizer.
H303	May be harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H402	Harmful to aquatic life.
PRECAUTIONARY STATEMENTS:	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P220	Keep/Store away from clothing/ combustible materials.
P221	Take any precaution to avoid mixing with combustibles.
P234	Keep only in original container.
P235+P410	Keep cool. Protect from sunlight.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/ physician.
P321	Specific treatment (see supplemental first aid instructions on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

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P391	for extinction.
P402	Collect spillage.
P403+P233	Store in a dry place.
P501	Store in a well-ventilated place. Keep container tightly closed.
	Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	%WT	OSHA PEL - TWA	ACGIH TLV - TWA	CLASSIFICATION
Trisodium Phosphate Dodecahydrate	10101-89-0	25-40	N/E	N/E	Skin Corr. 1B; Eye Dam. 1; H314
Sodium Carbonate	497-19-8	15-30	N/E	N/E	Eye Irrit. 2A; H319
Sodium Perborate Tetrahydrate	10486-00-7	5-20	N/E	N/E	Ox. Sol. 2; Acute Tox. 4; Eye Dam. 1; Repr. 1B; STOT SE 3; Aquatic Acute 3; H272, H302, H318, H335, H360, H402

For full text of H-statements mentioned in this section, see section 16.

SECTION 4: FIRST-AID MEASURES

INHALATION:	Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
SKIN:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
EYE:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
INGESTION:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of sodium, phosphorus, boron and carbon.
SPECIAL HAZARDS:	The potential for combustible dust formation should be taken into consideration.
ADVICE FOR FIREFIGHTERS:	Avoid extinguishing methods which may generate dust clouds. Cool containers of material exposed to heat with cold water spray. Wear self contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
ENVIRONMENTAL PRECAUTIONS:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
CONTAINMENT AND CLEANUP:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal according to official regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid inhalation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Keep away from foodstuffs, beverages and animal feed.
CONDITIONS FOR SAFE STORAGE:	Store only in the original package. Keep container tightly closed in a dry and well-ventilated place. Protect from heat and direct sunlight. Store away from food and beverages.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Handle in accordance with good industrial hygiene and safety practice. Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Local exhaust
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EYE/FACE PROTECTION:

SKIN PROTECTION:

BODY PROTECTION:

RESPIRATORY PROTECTION:

ENVIRONMENTAL EXPOSURE:

ventilation is preferred since it prevents contamination dispersion into the work area by controlling it at its source. Provide eyewash and safety shower if contact or splash hazard exists. Wash hands before breaks and at the end of work.

Safety glasses.

Glove material impermeable and resistant to the product.

Protective work clothing.

NIOSH (US) or CEN (EU) approved respirators and components.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/COLOR:

Granular white powder

ODOR:

Mint

WATER SOLUBILITY:

Soluble

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable under recommended storage conditions.

HAZARDOUS REACTIONS:

No further relevant information available.

CONDITIONS TO AVOID:

Exposure to moisture.

INCOMPATIBLE MATERIALS:

Metals, metallic salts, acids, bases, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sodium, phosphorus, boron and carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:

EYES: CORROSIVE. Contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.

SKIN: CORROSIVE. Contact can cause pain, redness, burns, and blistering. At low concentrations: Can cause dry, red, cracked skin (dermatitis).

INGESTION: CORROSIVE. Can burn the lips, tongue, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea. Permanent damage can result.

INHALATION: CORROSIVE. May cause coughing, chest pain, shortness of breath, upper respiratory tract irritation, serious damage to lung tissue and respiratory tract.

CARCINOGENICITY:

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or possible carcinogen by OSHA.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

REPRODUCTIVE TOXICITY:

Sodium perborate tetrahydrate is a presumed human reproductive toxicant. May damage the unborn child. Suspected of damaging fertility. Overexposure may cause reproductive disorders based on tests with laboratory animals.

SECTION 12: ECOLOGICAL INFORMATION

ADVERSE EFFECTS:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

CONTAMINATED PACKAGING:

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

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UN NUMBER: N/A
PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA: This product is an FDA regulated device and not subject to TSCA regulations.
CERCLA: This product is an FDA regulated device and not subject to reporting requirements. There may be specific reporting requirements at the local, regional, or state level.
SARA 313 TOXIC CHEMICALS: The following components are subject to reporting levels established by SARA Title III, Section 313 (40 CFR 372); *None*.
SARA 311/312 HAZARDS: This product is an FDA regulated device and not subject to reporting requirements.

INTERNATIONAL REGULATIONS

CANADIAN ENVIRONMENTAL PROTECTION ACT: This product is a medical device and not subject to chemical notification requirements.
EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): This product is a medical device and not subject to chemical notification requirements.

SECTION 16: OTHER INFORMATION

FULL TEXT OF H STATEMENTS REFERRED TO UNDER SECTION 3

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
H272	May intensify fire; oxidizer.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360	May damage the unborn child. Suspected of damaging fertility.
H402	Harmful to aquatic life.
Ox. Sol.	Oxidizing solids
Repr.	Reproductive toxicity
Skin Corr.	Skin corrosion
STOT SE	Specific target organ toxicity - single exposure

NFPA RATING

Health Hazard	2
Fire Hazard	0
Reactivity Hazard	1

PREPARATION INFORMATION: This SDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, The Harry J. Bosworth Company does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.