

MS329500

**COE TRAY CLEANER**  
**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

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**COMMON NAME:** TRAY CLEANER**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental tray cleaning solution*The following information is provided with regard to the toxicity and hazards of the pure components present.***SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Sodium Carbonate	497-19-8	N.E.	LD50=4 g/kg LC50=2100 mg/m <sup>3</sup>	40-50
Sodium Bicarbonate	144-55-08	N.E.	LC50=4-8g/kg (oral rat)	26.5
Tetrasodium EDTA	64-02-08	N.E.	LC50>2g/kg (oral rat)	22.5
Sodium Metasilicate	6834-92-0	N.E.	LD50=1.46 g/kg	2.5
Sodium Dodecylbenzene Sulfonate	25155-30-0	N.E.	LD50=2g/kg (oral mouse)	2.5

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES****BOILING POINT:** N.A.**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY:** N.E.**MELTING POINT:** N.E.**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** Orange free flowing powder**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.E.**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Use water spray, dry chemical or carbon dioxide.**SPECIAL FIRE FIGHTING PROCEDURES:** Use full face, self-contained breathing apparatus and impervious protective clothing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide and Carbon Monoxide**SECTION 5 - REACTIVITY DATA****STABILITY:**Stable ☒Unstable ☐**POLYMERIZATION:**Will Not Occur ☒Will Occur ☐**CONDITIONS TO AVOID:** High heat, moisture and strong acids and oxidizers**INCOMPATIBILITY (MATERIALS TO AVOID):** Contains Sodium Carbonate. Will react with Aluminum, Phosphorous Pentoxide, Hydrated lime to form caustic soda, and reducing sugars to form Carbon Monoxide. Sodium dodecylbenzene Sulfonate is incompatible with strong oxidizing agents.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY:    Inhalation ☒                      Skin ☒                      Ingestion ☒

**HEALTH HAZARD (Acute and Chronic):** Ingestion may produce corrosion of the gastrointestinal tract, vomiting, and diarrhea. Dust will cause irritation of skin, eyes, and lungs. Sodium Metasilicate has been shown to be corrosive to rabbit skin in 24 hour exposure. It is non-corrosive if dry; corrosive if wet in short term.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**SKIN:** Wash skin with soap and water.

**EYES:** Immediately flush eyes with water. Seek medical attention if irritation develops.

**INGESTION:** Do not induce vomiting. Give several glasses of water. If vomiting does occur, give fluids again. Seek medical attention.

**INHALATION:** Remove victim to fresh air. Seek medical attention if irritation develops.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Sweep up spilled material, avoid creating dust.

**WASTE DISPOSAL METHOD:** In accordance with local, state, and federal regulations.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool, dry, well ventilated area. Store away from flammable materials and sources of heat or flame.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Handle in a well-ventilated area, avoid creating dusts. Where dust hazard is present use MSHA-NIOSH approved respirator.

**VENTILATION:**    Local Exhaust: Yes                      Mechanical: N.E.                      Special: N.E.                      Other: N.E.

**PROTECTIVE GLOVES:** Water impervious gloves.

**EYE PROTECTION:** Use safety glasses or full face shield

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash station

**WORK/HYGIENIC PRACTICE:** Follow good hygienic practices.

**SECTION 9- PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200 and W.H.M.I.S. CPR*

**DATE:** 09 January 2006

**REVISED:** 14 January 2009

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE – 0

TOXICITY – 2

NFPA  
REACTIVITY – 0

SPECIAL – COR