

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

SUPPLIER

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours Mon.-Fri: 8:00 a.m.-5:00 p.m. C.S.T.

Transportation Emergency No. 800-424-9300

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 AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Sodium Carbonate 497-19-8	N.E.	LD50=4 g/kg LC50=2100 mg/m3	30-80
Sodium Metasilicate 6834-92-0	N.E.	LD50=1.46 g/kg	15-25
Sodium Dodecylbenzene Sulfonate 25155-30-0	N.E.	LD50=2g/kg (oral mouse)	15-25

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	N.A.	SPECIFIC GRAVITY:	N.E.
VAPOR PRESSURE:	N.E.	MELTING POINT:	N.E.
VAPOR DENSITY:	N.E.	EVAPORATION RATE:	N.E.
SOLUBILITY IN WATER:	N.E.	ODOR THRESHOLD:	N.E.

COEFFICIENT OF OIL/WATER DISTRIBUTION: 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: X	UNSTABLE:
POLYMERIZATION:	WILL NOT OCCUR: X	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 X SKIN X INGESTION X

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.

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

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

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 1 November 97

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	3	NFPA REACTIVITY	0	SPECIAL COR
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