

MATERIAL SAFETY DATA SHEET

NAME: ORAL-B MINUTE-GEL

CAS NO: NA

Effective Date: 9/25/03 **Rev:** 4

A. — IDENTIFICATION

Composition*	%	Formula: Mixture	Mixture
Sodium Fluoride (7681-49-4)	1-5	Molecular Weight:	NA
Hydrofluoric Acid (7664-39-3)	0.1-1.0	Synonyms:	NA
Other Ingredients	Bal		

B. — PHYSICAL DATA

Boiling Point NA °F NA °C	Melting Point NA °F NA °C	Freezing Point NA °F NA °C
Specific Gravity (H ₂ O=1) 1.16	Vapor Density (air=1) NA	Vapor Pressure @ NA mm Hg
Evaporation (NA =1)	Saturation in Air (by volume@ NA °F)	Autoignition Temperature °F °C NA
% Volatiles NA	Solubility in Water NA	pH NA

Appearance/Odor Opaque gel having the color and odor characteristic of the flavor.

Flash Point and
Test Method(s) Not flammable

Flammable Limits in Air
(% by volume) Lower NA % Upper NA %

C. — REACTIVITY

Stability	<input checked="" type="checkbox"/> stable	<input type="checkbox"/> unstable	Polymerization	<input type="checkbox"/> may occur	<input checked="" type="checkbox"/> will not occur
Conditions to Avoid	Conditions to Avoid				
Extreme heat	Not applicable				
Incompatible Materials	Hazardous Decomposition Products				
Not applicable	Thermal degradation may produce oxides of carbon and nitrogen; hydrocarbons; fluoride-containing compounds and derivatives and other toxic by-products.				

Footnotes

NA=Not available

D. — HEALTH HAZARD DATA

Occupational Exposure Limits PEL's, TLV's, etc.)

8-Hour TWA's: Fluoride - 2.5 mg/m³ (F) (OSHA/ACGIH)

This level is not anticipated under normal use conditions.

Warning Signals

Not applicable

Routes/Effects of Exposure

1. Inhalation No adverse effects anticipated from normal use.

2. Ingestion No adverse effects anticipated from normal use. Ingestion of less than 5 mg/kg fluoride may cause gastric upset. Ingestion of between 5 and 15 mg/kg fluoride may cause nausea, vomiting, muscle weakness and shock. Ingestion of greater than 15 mg/kg fluoride would be expected to cause all of the above symptoms. In addition, cardiac arrhythmias and circulatory collapse may occur. A 16 ounce tube of this product contains 5.9 grams of fluoride.

3. Skin
a. Contact
No adverse effects anticipated.

b. Absorption
No adverse effects anticipated.

4. Eye Contact May cause irritation.

5. Other Not applicable

E. — ENVIRONMENTAL IMPACT

1. Applicable Regulations Ingredients listed in TSCA inventory.

2. DOT Hazard Class - Not applicable

3. DOT Shipping Name - Not applicable

4. ICAO/IATA Classification - Not applicable

Environmental Effects

Not applicable

F. — EXPOSURE CONTROL METHODS

Engineering Controls

None under normal use conditions.

Eye Protection

None under normal use conditions.

Skin Protection

None under normal use conditions.

Respiratory Protection

None under normal use conditions.

Other

Product is nonhazardous when used as directed. Keep out of reach of children.

G. — WORK PRACTICES

Handling and Storage

No unusual handling or storage requirements. Keep away from sources of heat.

Normal Clean Up

Wipe up with tissue, towel, etc. Wash residue with water.

Waste Disposal Methods

Dispose of in accordance with federal, state and local regulations.

H. — EMERGENCY PROCEDURES

Steps to be taken if material is released to the environment or spilled in the work area

Not applicable

Fire and Explosion Hazard

Not applicable.

Extinguishing Media

As appropriate for surrounding fire.

Firefighting Procedures

Use self-contained breathing apparatus and full protective gear, if large quantities are involved.

I. — FIRST AID AND MEDICAL EMERGENCY PROCEDURES

Eyes

Eyes may be washed with clear, tepid water. If irritation persists, obtain medical attention.

Skin

Wash off with soap and water.

Inhalation

Not applicable

Ingestion

If large amounts have been ingested, contact a physician or local poison control center.

Notes to Physician

Ingestion of greater than 15 mg/kg fluoride is potentially fatal, so immediate medical treatment is vital.

Replaces #1784

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.