

SAFETY DATA SHEET
1.1% SODIUM FLUORIDE PASTE

Page 1
Issued: 10/26/09
Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: DENTICIOUS 1.1% NaF Paste
Company name: Research Based Professional Products
20762 West Dixie Hwy
Aventura
FL
33180
USA
Tel: 305-535-8001

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM FLUORIDE 1-10%
EINECS: 231-667-8 CAS: 7681-49-4
[T] R25; [-] R32; [Xi] R36/38

- GLYCEROL 1-10%
CAS: 56-81-5
[Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Contact with acids liberates very toxic gas. Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.
Exposure hazards: In combustion emits toxic fumes.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

SAFETY DATA SHEET
SODIUM FLUORIDE 1.1% GEL**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of dust in the air.

Storage conditions: Store in cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM FLUORIDE
ORL MUS LD50 57 mg/kg
ORL RAT LD50 52 mg/kg
SCU RAT LD50 175 mg/kg

- GLYCEROL
IHL RAT LC50 >4 mg/kg
ORL RAT LD50 12600 mg/kg
SKN RBT LD50 >10000 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: GLYCEROL
FISH 96H LC50 >100100 mg/l
FISH FATHEAD MINNOWS 96H LC50 44000 mg/l
FISH GOLDFISH 96H LC50 5000 mg/l

[cont...]

SAFETY DATA SHEET
SODIUM FLUORIDE 1.1% GEL

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

IMDG / IMO**IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: Irritant.



Risk phrases: R32: Contact with acids liberates very toxic gas.
R36/38: Irritating to eyes and skin.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R25: Toxic if swallowed.
R32: Contact with acids liberates very toxic gas.
R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.