



# M A T E R I A L   S A F E T Y   D A T A   S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

## **SECTION I: Product & Company Identification**

Product Name: **D-Lish® 5% NaF Varnish**  
Catalog Numbers: 211420, 211450, 212420, 212450, 213420, 213450, 214420, 214450, 218450  
Product Class: Fluoride Varnish  
Manufactured for: Young Dental Manufacturing  
13705 Shoreline Court East  
Earth City, MO 63045  
1.800.325.1881

## **SECTION II: Health Hazard Information**

**Appearance:** Colorless, viscous fluid with aroma characteristic of flavor

**Health Hazards:** No irritant or sensitizing effects

**Other hazards:** Material should only be used with extreme caution in individuals who may have limited control over their swallowing reflex (e.g. pre-school children and the disabled)

**NFPA Ratings:** Health (0); Flammability (3); Reactivity (0)

## **SECTION III: Hazardous Components**

Component	CAS #	%	Toxicity Data
Sodium Fluoride	7681-49-4	2.5 – 5%	LD50 (oral rat) 52mg/kg
Ethanol	64-17-5	10 – 25%	N/A

## **SECTION IV: First Aid Procedures**

**Ingestion** – Swallowing larger amounts can lead to nausea, vomiting and/or diarrhea. Seek medical attention.

**Eye contact** – Rinse opened eye for several minutes under running water.

**Inhalation** – Supply fresh air; seek medical attention if irritation persists.

**Skin contact** – Generally the product does not irritate the skin.

## **SECTION V: Fire Fighting Measures**

**Extinguishing media:** Water, carbon dioxide, foam, dry chemicals; fight larger fires with water or alcohol resistant foam

**Special fire-fighting instructions:** None

**Fire and explosion hazards:** N/A

## **SECTION VI: Accidental Release Measures**

Wear protective equipment. Keep unprotected persons away. Do not allow to enter sewers, surface or ground water. Pick up mechanically.

## **SECTION VII: Handling and Storage**

**Handling:** For dental use only. Keep ignition sources away.

**Storage:** Do not store together with acids. Keep receptacle tightly sealed.

## **SECTION VIII: Personal Protection**

**Protective wear:** Not required

**Ventilation:** Local Exhaust. No respiratory protection required.

**Hygiene measures:** Keep away from food, beverages and feed. Wash hands after use.

## **SECTION IX: Physical and Chemical Properties**

<b>Solubility:</b>	Not soluble in water
<b>Boiling point:</b>	Unknown
<b>pH:</b>	Unknown
<b>Density @ 20°C (68°F):</b>	1.02 g/cm <sup>3</sup> (8.512 lbs/gal)
<b>Melting point:</b>	Unknown
<b>Flash point:</b>	36°C (97°F)
<b>Appearance:</b>	Colorless, viscous fluid with aroma characteristic of flavor

## **SECTION X: Stability and Reactivity**

<b>Stability:</b>	Stable
<b>Materials/conditions to avoid:</b>	N/A
<b>Hazardous decomposition of byproducts:</b>	None known
<b>Hazardous polymerization:</b>	Will not occur
<b>Possible hazardous reactions:</b>	Contact with acids releases toxic gases
<b>Explosion hazard:</b>	None; product is not self-igniting

## **SECTION XI: Toxicological Information**

No irritant or sensitizing effects. No ingredients are listed on IARC or NTP lists.

## **SECTION XII: Ecological Information**

Do not allow undiluted product or large quantities to reach ground water or sewage system. Water hazard class 1 (self-assessment)

## **SECTION XIII: Disposal Considerations**

Dispose of in accordance with all Federal, State and Local regulations. Do not dispose with household garbage.

## **SECTION XIV: Transport Information**

UN number: UN1170

UN proper shipping name: DOT, IATA: Ethanol Solution

ADR: 1170 Ethanol Solution (Ethyl Alcohol Solution)

IMDG: Ethanol Solution (Ethyl Alcohol Solution)

DOT, ADR, IMDG, IATA hazard class: 3 Flammable liquids

Marine pollutant: No

## **SECTION XV: Regulatory Information**

No ingredients are listed in any of the following: Section 355 (extremely hazardous substances), Section 313 (specific toxic chemical listings), chemicals known to cause cancer per Proposition 65, EPA

All ingredients are listed in the TSCA (Toxic Substances Control Act).

## **SECTION XVI: Other Information**

N/A

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The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Young Dental Manufacturing makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

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