

COMPANY INFORMATION

COMPANY NAME: YOUNG INNOVATIONS, INC.
dba Plak Smacker

COMPANY ADDRESS: 2260 WENDT STREET
ALGONQUIN, IL 60102 USA

24 HR EMERGENCY PHONE: INFOTRAC 1-800-535-5053
OUTSIDE U.S. 1-352-323-3500

COMPANY WEB ADDRESS: www.youngspecialties.com

GREAT WHITE SHARK TOOTHPASTE

DOCUMENT NUMBER:	00157 & 400024
REVISION DATE:	08/24/2021
REVISION:	REV. A
NUMBER OF PAGES:	7

SECTION I: PRODUCT IDENTIFICATION

GREAT WHITE SHARK 4.2OZ TOOTHPASTE

Other means of identification

Synonyms: Toothpaste

CAS #:
RTECS #
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: The product is an oral application.
Standard industrial classification (SIC): 3256
Use categories: Dental use.
The chemical can be used by the general public.
The chemical is used by the professionals and the general public.

Uses advised against: No information available.

SECTION II: HAZARDS IDENTIFICATION

Classification

Human: This product may cause irritation to eyes.
Safety: Keep out of eyes.
Ecological: This product is unlikely to accumulate in aquatic environment.

Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Not Available

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Weight-%
GREAT WHITE SHARK 4.2OZ TOOTHPASTE		

SECTION IV: FIRST AID MEASURES

First aid measures

Special instructions: None.
Skin contact: May irritate eyes.

Symptoms

Indication of any immediate medical attention and special treatment needed.

SECTION V: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.

Suitable extinguishing media: Use appropriate method for surrounding fire (carbon dioxide, foam and water spray).

Extinguishing media must not be used for safety reasons: None known

Special exposure hazards in fire: Oxides of carbon

Special protective equipment for fire-fighters: Wear full bunker gear with SCBA;

Other instructions: None

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Unsuitable Extinguishing Media:

No information available.

Specific hazards arising from the chemical

Hazardous combustion products No information available.

Specific hazards No information available.

Special Protective Actions for Firefighters

Specific Methods: No information available.

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and /or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact.

Personal precautions: Ensure adequate ventilation. Avoid contact with eyes.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-up: Soak up with inert absorbent material, After cleaning, flush away traces with water.

Other instructions: None

SECTION VII: HANDLING AND STORAGE

Precautions for safe handling

Handling: Store the liquid in original container with cap tightened when not in use. Handle in accordance with good industrial hygiene and safety practice.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Specific use(s): Dental use.

Safe Handling Advice:

Avoid contact with eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:

Hygroscopic. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

This product does not contain any hazardous materials

With occupational exposure limits established by the region specific regulatory bodies

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Goggles or Safety glasses with side-shields.

Skin and body protection: Wear disposable gloves and eye protection.

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Respiratory protection: Not necessary, work in well-ventilated area.

Environmental exposure controls: Not an issue.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Item	INCI or Chemical name	Breakdown or raw material % w/w	% w/w in of formulation	INCI'S FOR PACKAGING (Must be European Recognized INCI'S only)	Pre-registration Number (if over 1 T)REACH
1	Sorbitol	100.0000	70	Sorbitol	50-70-4
2	Water	100.0000		Water	
3	Silica	100.0000	15	Silica	1343-98-2;112926-00-8;63231-67-4;10279-57-9
4	PEG-8	100.0000	2	PEG-8	5117-19-1;25322-68-3
5	Sodium Lauryl Sulfate	100.0000	2	Sodium Lauryl Sulfate	151-21-3
6	Flavor	100.0000	1	Flavor	---
7	Cellulose Gum	100.0000	0.4	Cellulose Gum	9004-32-4
8	Xanthan Gum	100.00	0.5	Xanthan Gum	11138-66-2
9	Xylitol	100.0000	1	Xylitol	87-99-0
10	Sodium Saccharin	100.0000	0.2	Sodium Saccharin	128-44-9;6155-57-3
11	Sodium Benzoate	100.0000	0.2	Sodium Benzoate	532-32-1
12	Trisodium Phosphate	100.0000	0.2	Trisodium Phosphate	7601-54-9
13	Sodium Fluoride	100.0000	0.24	Sodium Fluoride	7681-49-4
14	Mica	100.0000	0.05	Mica	12001-26-2
15	CI 42090	100.0000	0.003	CI 42090	3844-45-9; 2650-18-2; 37307-56-5

Appearance: Blue

Odor: Cool berry

Physical State: Gel

PH: 6.8-8.0

Auto Ignition Temperature: Not applicable

Boiling Point /Range: 95~100(°C)

Melting Point /Range: No data available

Flammability

Limits in Air: No data available

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SECTION X: STABILITY AND REACTIVITY

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

STABILITY TEST REPORT

Product name: GREAT WHITE SHARK 4.2OZ TOOTHPASTE
Item No.: 00157 & 400024
Test date: 2020.1.6
Specification: PH:6.8-8.0
Color: Blue

Stability Result	Testing Item	24hours	1 week	2 week	4	8 week	12 week
	Date of Testing	2019.11.25	2019.12.2	2019.12.9	2019.12.16	2019.12.23	2019.12.30
40°C	Appearance	Blue	Blue	Blue	Blue	Blue	Blue
	Odor	Past	Past	Past	Past	Past	Past
	Ph	7.78	7.83	7.73	7.68	7.72	7.65
Room Temperature	Appearance	Blue	Blue	Blue	Blue	Blue	Blue
	Odor	Past	Past	Past	Past	Past	Past
	Ph	7.77	7.8	7.71	7.7	7.71	7.68
_5°C	Appearance	Blue	Blue	Blue	Blue	Blue	Blue
	Odor	Past	Past	Past	Past	Past	Past
	Ph	7.76	7.85	7.75	7.69	7.69	7.7

Cycling test		1 Cycle	2 Cycle	3 Cycle
-5°C~40°C	Appearance	Blue	Blue	Blue
	Odor	Past	Past	Past
	Ph	7.81	7.78	7.69

Overall Stability: PASS

SECTION XI: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Acute toxicity: Excessive use.

Irritation and corrosiveness: Not corrosive, maybe a slight irritant.

Sensitization: Not common

Sub-acute, sub-chronic and prolonged toxicity: None known

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Empirical data on effects on humans: Excessive use, cause a slight irritation.

Other information on health effects: Not known.

SECTION XII: ECOLOGICAL INFORMATION

Persistence and degradability: No information available

Bio-accumulative potential: No information available.

Eco-toxicity

Aquatic toxicity: Very low

Toxicity to other organisms: Very low

Mobility: Not mobile in water phase Persistence and degradability:

Bio-degradation: Yes

Chemical degradation: Yes

Bio-accumulation potential: Very low

Other adverse effects: None known

SECTION XIII: DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accord with National regulations.

SECTION XIV: TRANSPORT INFORMATION

Component	CAS No	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
GREAT WHITE SHARK 4.2OZ TOOTHPASTE	---	None	None	None	None

DOT

UN-No:	Not Regulated
Proper Shipping Name:	No information available
Hazard Class	No information available
Subsidiary Class	No information available
Packing group:	No information available
Emergency Response Guide: Number	No information available
Marine Pollutant	No data available
DOT RQ (lbs):	No information available
Special Provisions	No Information available
Symbol(s):	No information available
Description:	No information available

TDG (Canada)

UN-No:	Not Regulated
Proper Shipping Name:	No information available
Hazard Class	No information available
Subsidiary Risk:	No information available
Packing Group:	No information available
Marine Pollutant	No Information available
Description:	No information available



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ADR

UN Number	Not regulated
Proper Shipping Name:	No information available
Transport hazard class(es)	No information available
Packing group	No information available
Subsidiary Risk:	No information available

IMDG

UN-No:	Not Regulated
Proper Shipping Name:	No information available
Hazard Class:	No information available
Subsidiary Risk:	No information available
Packing Group:	No information available
Marine Pollutant	No information available

RID

UN Number	Not Regulated
Proper Shipping Name:	No information available
Transport hazard class(es)	No information available
Subsidiary Risk:	No information available
Packing group	No information available

ICAO (air)

UN-No:	Not Regulated
Proper Shipping Name:	No information available
Hazard Class	No information available
Subsidiary Risk:	No information available
Packing Group:	No information available

IATA

UN Number	Not Regulated
Proper Shipping Name:	No information available
Transport hazard class(es)	No information available
Subsidiary Risk:	No information available
Packing group	No information available
Precautionary Statements - Response	No information available
Special Provisions	No information available

SECTION XV: REGULATORY INFORMATION

International Inventories

Component	CAS No	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	China IECSC	Australia (AICS)	EINECS-No.
GREAT WHITE SHARK 4.2OZ TOOTHPASTE	---	Present ACTIVE	Present	Present	Present	Present	Present	Present

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U.S. Regulations

Bamboo Charcoal Toothpaste
FD&C Act, Title 21

Information on the warning label, National regulations. All functional components of this product are listed on the TSCA Inventory.

SECTION XVI: OTHER INFORMATION

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Young Innovations, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.