

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKE IN

PRODUCT DETAILS

CHEMICAL NAME: FLUORODINE TOOTHPASTE

END USES: BRUSH YOUR TEETH

COMPANY: Multibrands International Limited.

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Bradford

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COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION

DESCRIPTION: MIXTURE OF SUBSTANCES LISTED BELOW WITH ADDITIONS.

Components Number	CAS Number	Percent (%)
● SORBITOL	50-70-4	40
● SILICON DIOXIDE	14464-46-1	20
● AQUA	7732-18-5	29

HAZARD IDENTIFICATION

FOR INFORMATION ON HUMAN AND ENVIRONMENTAL HAZARDS: THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS ACCORDING TO DIRECTIVE 67/548/EEC, 1999/45/EC AND 1272/2008/EC.

Classification system: The classification is according to the EU Directives 67/548/EEC, 1999/45/EC and 1272/2008/EC, and extended by company and literature data.

Hazard Warning for Health: Acute inhalation, there may be weakness, dizziness, headache, nausea.

Hazard Warning for

Environment: Release to the water and ground, will be decomposed in the water.

Special Harm: Not applicable.

Explosion dangerous: When fire or high heat, will be burning.

FIRST-AID MEASURES

EYE CONTACT: Wash eye with a great of water or normal saline and send to hospital.

SKIN CONTACT: Wash with a great of water.

INHALATION: Keep air tube free, if respiratory arrest, please artificial breathing and

MAJOR DISEASE AND send to hospital.

HARM EFFECT:

Not applicable.

FIRST-AID PERSONAL

PROTECTION: No need.

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FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: CO₂, dry chemical powder, alcohol foam, water spray, foam.

SPECIAL EXPOSURE HAZARDS: No data.

SPECIAL EXTINGUISH PROCEDURE: Cooling storage tank or container in the fire by water spray.

SPECIAL PROTECTION EQUIPMENT: Wear air respiratory resuscitator asbestos fire suit and glove.

ACCIDENTAL RELEASE MEASURES

Personal Protection:

1. Person who clean workshop should be trained.
2. Usually, no need Personal protective equipment.

Methods for Cleaning up:

1. Under security clearances, try to arrest or reduce overflow drain.
2. Use the material no reaction with escape to contain the escape, such as soil, sand or other steady and non flammable.
3. Less overflow drain, use absorbent which should be no chemical reaction with escape to absorb.
4. Much overflow drain, please build causeway or pit to contain, and transfer to tanker or dedicated container, reclaim or transfer or transfer to ash-bin and contact fire protection, Emergency Treatment department and supplier.

HANDLING AND STORAGE

Handling: Should store up emergency equipment of fire fighting and handling emergency.

Storage:

1. Keep cool, dark, dry, good aeration place.
2. Store up the suitable container with label, and keep container good.
3. Unused container and empty drums should be covered tightly.
4. Use suitable storage drum, storage tank, storage shop, and building to store up.
5. If need, please put sense and alarm system additional.
6. Please check overflow drain and damage regularly.
7. Should store up fire sand and extinguish material near to storage.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Control: Usual no need..

Personal Protection Equipment:

Respiratory Protection: No need.

Hand Protection: No special need.

Eye Protection: If possible, wear blinkers and face guard.

Skin & Body: If possible wear exposure suit.

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PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Liquid
Odor	Mint
Colour	Blue
PH	Not applicable
Kinematic viscosity	5500
Flash point (open cup)	256°C
Specific Gravity	0.98 (37%) (Water-1)
Solubility in water	Insoluble in water

STABILITY AND REACTIVITY

Stability:	Usually stable.
Special Conditions of Hazardous Reaction:	Strong oxidizer, drastic or explosibility action.
Incompatibility:	Not applicable
Hazardous Decomposition:	Not applicable.

DISPOSAL CONSIDERATIONS

. Acute Toxicity:

LD50(Test animal, absorb way), No data.

LC50(Test animal, Absorb way), No data.

Local Effects:

2mg/24H(rabbit, skin), No data.

750µg /24 H (rabbit, eye), No data.

Sensitive: For very few people may skin irritability.

Chronic: Not applicable.

Exceptional Effect: Not applicable.

ECOLOGICAL INFORMATION

Possibility of Environment Impact/Move: Not applicable.

DISPOSAL CONSIDERATION

Disposal Information:

1. As per relative laws.
2. Can handle by specific incinerating or land filling.

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TRANSPORT INFORMATION

The product is unregulated for purposes of transportation by the U.S. Department of Transportation (DOT), International Civil Aviation Administration (ICAO), International Air Transport Association (IATA) and International Maritime Dangerous Goods Regulations (IMDG).

REGULATORY INFORMATION

Sara:

Section 355 (extremely hazardous substances):

- None of the ingredient is listed.

Section 313 (specific toxic chemical listing):

- None of the ingredient is listed.

TSCA (toxic substance control act)

- None of the ingredient is listed.

Proposition 65:

Chemical known to cause cancer:

- None of the ingredient is listed.

Chemical known to cause reproductive toxicity for females:

- None of the ingredient is listed.

Chemical known to cause reproductive toxicity for males:

- None of the ingredient is listed.

Chemical known to cause developmental toxicity:

- None of the ingredient is listed.

Carcinogenicity categories:

EPA (Environmental Protection Agency):

- None of the ingredient is listed.

IARC (International Agency for Research on Cancer):

- None of the ingredient is listed.

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NTP (National Toxicology Program):

- None of the ingredient is listed.

TLV (Threshold Limit Value established by ACGIH):

- None of the ingredient is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

- None of the ingredient is listed.

OSHA-Ca (Occupational Safety & Health Administration):

- None of the ingredient is listed.

OTHER INFORMATION

All of the above information is only based on our existing foundation of knowledge, and all data and information only. Users based on application requirements, please determine its availability, especially when you take your mind may have a different mixture of hazard and in accordance with the relevant regulations to provide services necessary safety precautions.

DISCLAIMER

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