



Material Safety Data Sheet

Material Name: ACTI-FLOW Drain Pipes Cleaner Stick (long lasting formula)

Section 1 - Chemical Product and Company Identification

Name Of Substance/Preparation: ACTI-FLOW Drain Pipes Cleaner Stick (long lasting formula)

Synonyms: None

Manufacturer Information:

Dongguan Lwash Commodity Co., Ltd.

Commercial Road, Huangchong Precinct, Zhongtang Town,
Dongguan City, Guangdong, P.R.China.

0086-769-88129602 / 88129603 / 88899718(China Beijing Time: 8:30 am – 5:30 pm)

0086-769-88129603-809, 88129601 (Fax)

gzbinrou@163.com ; susan970830@biwashclean.com

中华人民共和国

广东省东莞市中堂镇潢涌管理区商业路

东莞爱屋氏日用品有限公司

联系电话: **0086-769-88899718, 88129603-824** (北京时间:上午: 8:30-下午:5:30)

传真: **0086-769-88129601**

EMAIL地址: gzbinrou@163.com susan970830@iwashclean.com

应急电话号码: **18028288388, 13312812569**

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

This product is a preparation

Component Information:

CAS #	Component	EU INCI Name	Percent Wt. %	R-Phrases
7757-82-6	sodium sulfate	sodium sulfate	25	---
11138-66-2	Xanthan gum	Xanthan gum	8	
7778-18-9	Calcium sulfate	Calcium sulfate	25	
9001-62-1	Lipase	Lipase	0.5	
25155-30-0	sodium dodecyl-benzenesulfonate	sodium dodecyl-benzenesulfonate	25	
9004-62-0	Sodium Hydroxyethyl Cellulose	Sodium Hydroxyethyl Cellulose	15	
659-70-1	Green Apple Flavor (Please refer to Attachment 1)	CAS# 142-19-8; Allyl heptanoate	1	---
		CAS# 6413-10-1; Fructose		
		CAS# 151-05-3; Dimethyl benzyl carbinyl acetate		
		CAS# 18479-58-8; Dihydromyrcenol		
		CAS# 25265-71-8; Diprpylene glycol (DPG)		
		CAS# 104-67-6; Gamma undecalatone		
		CAS# 101-86-0; Hexyl cinnamic aldehyde		
		CAS# 88-41-5; Verdox		

NA	Green Dyestuff	green Dyestuff	0.5	---
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Note: The individual MSDS of Green Apple Flavor is attached at the end of file.

Green dyestuff 0.5%=0.225%+0.275%

Green color is compounded by Blue and Yellow color. (The Green is not a dingle individual color, so no CAS number)

So the 0.5% green in above formula is instead by the 2 color:

CAS: 6359-98-4	Yellow color	=45%*0.5=0.225
CAS: 2650-18-2	Diammonio(ethyl)[4-[[4-[ethyl(3-sulphonatobenzyl)amino]phenyl](2-sulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium (Blue color)	=55%*0.5=0.275

SECTION 3 - HAZARDS IDENTIFICATION

This product is not classified as dangerous according to Directive 1999/45/EC as amended and adapted

Physical/Chemical Hazards: Not classified as dangerous

Human health hazards:

Eyes: Direct contact, may cause irritation.

Skin: Direct contact, may cause irritation.

Ingestion: Not applicable under normal condition of use, but intentional ingestion of the product may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: High concentration of the vapor may cause moderate irritation of the nose and throat.

SECTION 4 - FIRST AID MEASURES

First Aid

Eyes: Immediately rinse with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Seek medical attention in case of continuous irritation.

Skin: Wash with plenty of water for at least 15 minutes. While removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

Ingestion: Give 2-4 cupfuls of milk or water if victim is conscious and alert. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention.

Inhalation: Move to fresh air immediately. Seek medical attention in case of continuous irritation of respiratory tract.

Notes to Physician: Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	Not combustible	Method Used:	NA
Upper Flammable Limit (UFL):	NA	Lower Flammable Limit (LFL):	NA

General Fire Hazards

This product is not combustible.

Hazardous Combustion Products

This product may decompose in fire, releasing oxides of nitrogen, oxides of sulfur, carbon dioxide and carbon monoxide.

Extinguishing Media

Use any media suitable for the surrounding fires.

Fire Fighting Equipment/Instructions

Cool fire-exposed containers with water spray. Use self-contained breathing apparatus in confined areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures

Stop source of leak if possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, Scoop up used absorbent into drums or other appropriate container.

Clean-Up Procedures

Surfaces may become slippery after spillage. If material is released, indicate risk of slipping
Wear appropriate protective equipment and clothing during clean-up. Dispose of spent absorbent in an approved industrial waste landfill. Shovel the material into waste container.

Evacuation Procedures

In case of large spills, follow all facility emergency response procedures.

Special Procedures

None

SECTION 7 - HANDLING AND STORAGE

Handling Procedures

Avoid getting this material into contact with your eyes and skin.
Keep away from foodstuffs, beverages, and feed. Wash hands before breaks and at the end of work.

Storage Procedures

Keep the container closed and in a well-ventilated place. Avoid freezing to prevent bursting of the container.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Occupational Exposure Limits:

The EU, ACGIH, German DFG, United Kingdom and Sweden have not developed exposure limits for any of this product's components.

Component Biological Limits:

There is no biological limit allocated.

Engineering Controls

Use general ventilation or use local exhaust, where possible, in confined or enclosed spaces.

Personal Protective Equipment

- Eyes/Face:** Tightly sealed goggles.
- Skin:** Neoprene or nitrile-latex gloves.
- Respiratory:** Not normally required.

Personal Protective Equipment: General

Eye wash fountain is required.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Solid with various colors	Color:	Various
Odor:	Fragrant	pH:	7.5~11
Vapor Density:	NA	Vapor Pressure:	NA

Boiling Point:	NA	Melting point:	> 75 °C
Solubility (H₂O):	soluble	Specific Gravity (H₂O = 1):	1.5

SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Do not freeze. Avoid contact strong oxidizing agents, strong acids, and strong bases

Hazardous Decomposition

Hazardous combustion products may include carbon monoxide, carbon dioxide, oxides of sulfur, and oxides of nitrogen

Hazardous Polymerization

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute And Chronic Toxicity

Sensitization: No data available for this product.

Mutagenicity: No data available for this product.

Teratogenicity: No data available for this product.

Carcinogenicity: None of this product's components are listed by IARC, German DFG or United Kingdom.

SECTION 12 - ECOLOGICAL INFORMATION

Component Analysis - Ecotoxicity - Aquatic Toxicity

Environmental Fate

No data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INSTRUCTIONS

Dispose of in accordance with local environmental regulations or local authority requirements.

SECTION 14 - TRANSPORTATION INFORMATION

INTERNATIONAL TRANSPORTATION REGULATIONS:

US DOT: Not regulated as a hazardous material or dangerous goods for transportation

ICAO/IATA: Not regulated as a hazardous material or dangerous goods for transportation

IMO/IMDG: Not regulated as a hazardous material or dangerous goods for transportation

RID/ADR: Not regulated as a hazardous material or dangerous goods for transportation

SECTION 15 - REGULATORY INFORMATION

European Union Regulatory Information

Label Requirements

R-Phrases/S-phrases: This product is not classified according to the EU regulations.

Additional International Regulatory Information

Component	CAS #	TSCA	DSL	EINECS
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sodium dodecyl-benzenesulfonate	25155-30-0	Yes	Yes	Yes
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SECTION 16 - OTHER INFORMATION

Disclaimer:

Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Key/Legend

NA = Not available or Not Applicable. ND = Not determined or No data. MAC = Maximum Allowable Concentration. TWA = Time Weighted Average. ACGIH = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. TSCA = Toxic Substance Control Act. DSL = Domestic Substances List (Canada). EINECS = European Inventory of Existing Commercial Substances; IECSC = Inventory of Existing Chemical Substances.

Wording of R/S-phrases in item 2

R21/22 Harmful in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

Sources used

EU Directive 2001/58/EC

EU Directive 1999/45/EC

EU Directive 67/548/EEC

Contact: Susan Liu, General Manager

Contact Phone: 86-769-88129708

The following is Attachemnt 1:



GUANGZHOU MEIYI FLAVORS & FRAGRANCES CO., LTD

MATERIAL SAFETY DATA SHEET

According to BC Directive 91/155/EEC

Date of print 2019.9.29

1. Identification of the substance/preparation and company

Identification of the product

Catalogue No.:

Product name: **TMP-3722B GREEN APPLE FRA.**

Manufacturer/supplier identification:

Company: Guangzhou Meiyi Flavours & Fragrances CO.,LTD

Content for information: Tel:86-20-82268917 Fax:86-20-82268891

2. Composition/information on ingredients

Fragrances are complex blends of materials . The formulation of which is proprietary information

3. Hazards identification

No ingredients know to be hazardous according to GB/T22731(Chinese) are present at 0.1% or above.

No ingredients know to be carcinogenic are present.

4. First-aid measures

Eye contact: Flush with clean water or sterile eye buffer. Hold eyelids open to assure complete flushing.

Contact a physician immediately.

Inhalation: Remove individual to fresh air. Contact physician if necessary.

Skin contact: Wash immediately with soap and water. Remove contaminated clothing at once and wash

before reusing Wash after use even with minimal contact. Get medical attention if irritation develops.

Ingestion: If vomiting, contact a physician or your state poison control center .

Do not induce vomiting.

Do not give an unconscious person anything by mouth.

5. Fire-fighting measures

Flash point (close cup): 61.5°C

with Auto ignition temperature: N.A.

Upper explosive limit: N.A.

Lower explosive limit: N.A.

Extinguishing media: X foam. Alcohol foam. X CO2. X dry chemical. _water spray. _water fog. _other.

Special fire fighting procedures: Use water to cool fire only. Avoid spreading liquid and fire by water

flooding. Wear self-contained positive pressure breathing apparatus and full fire fighting clothing.

6. Accidental release measures

Personal protection: Avoid contact by eye, no ingestion.



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Environmental protection: Avoid diffuse or be flushed into public sewer, stream or other water system.

Methods for cleaning up: Decide whether it is necessary to leave or quarantine the polluted area in accordance with local emergency regulation.

Follow the advices on exposure controls and personal protection in this sheet.

7. Handling and storage

Precautions: Store in a cool, dry, and well ventilated area. Follow use instruction supplied with product.

Other precautions: Keep away from children.

Mechanical (general) ventilation: Keep ventilation

Eye protection: Approved safety glasses or goggles.

Other protective clothing or equipment: Keep Impervious clothing, synthetic aprons. Provide nearby eye washing (preferably full-face) facilities.

Work/Hygienic practices: Wash (rinse) thoroughly after handling. Clean up spills which will be slippery.

Wash contaminated clothes before reuse.

Laundry work clothes separate from family clothes.

Check protective equipment and clothing before use.

8. Exposure controls/personal protection

Steps to be taken if material is released or spilled:

Remove sources of ignition. Stop release, and provide adequate ventilation. Prevent flow to sewers and public waters. Recover free product. If possible, cover spill with inert, noncombustible absorbent material and remove to disposal container. Report spill as per regulatory requirements.

Waste disposal method:

Disposal must be made in accordance with applicable governmental regulations.

Do not contaminate any streams, lakes, or ponds.

9. Physical and chemical properties

Melting point range: N.D.

Boiling point range: N.D.

Solubility in water: N.A.

Appearance and odor: Colorless to yellow liquid. Sweet green apple of characteristic flavour.

Specific gravity (D 25/25): 0.937-0.957

Refractive index (N D/20): 1.460-1.480

10. Stability and reactivity

Stability: stable

Conditions to avoid: To be kept in full sealed contains in a cool and dry environment.

Avoid direct light and heat to avoid being oxidized.

Hazardous decomposition or byproducts: N.A.

Hazardous polymerization: May not occur.

Conditions to avoid uncontrolled polymerization: N.A.



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11. Toxicological information

Inhalation: Not allowed too inhalation
Ingestion: Not allowed ingestion
Skin contact: Not allowed too contact with skin
Eye contact: May cause eyes irritation.
Carcinogenicity: Unknow

12. Ecological information

Biodegradability: N.A.
Bioaccumulative: Unknow
Aquatic toxicity: Unknow
Others: Unknow

13. Disposal considerations

Must be made in accordance with applicable governmental regulations.
Don't contaminate any streams, lakes, or ponds

14. Transport informations

UN No.: N.A.
Air transport: Not allowed
Sea transport: Avoid leak
Inland transport: Avoid leak & collision

15. Regulatory information

Marking according to EU regulations: Unknow
Contains: No
Other: Accord with the requiemnt of GB/T22731

16. Other information

All information, recommendations, and suggestions appearing herein concerning our product are based upon test and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his or her own use of the product described herein. Since the actual use by others is beyond MEIYI FLAVORS&FRAGRANCES CO.,LTD's control, no guarantee, expressed or implied, is made by MEIYI FLAVORS&FRAGRANCES CO.,LTD. As to the effects of such use, the results to be obtained, or the safety and toxicity of the product.