



MATERIAL SAFETY DATA SHEET

Date: May 26, 2014

1. Identification of the substance/preparation and company

Product Description: MY10-A022 Sweet vanilla


Producer/Supplier: MEIYI Flavor Fragrance CO.,LTD

Emergency phone: 86-0512-50128983

Fax: 86-0512-50128993

2. Hazards identification

Hazard symbol :  N: Dangerous for the environment

Risk phrases :  R38 : Irritating to skin
R41: Risk of serious damage to eyes
R42: May cause sensitization by inhalation
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Environment : When spilled , can contaminate soil ,ground and surface water.

3. Composition/information on ingredients

Chemical Name : MULTI-COMPONENT MIXTURE

Hazardous components

Chemical Name	CAS-No.	EINECS-No.	Classification	Concentration [%]
Galaxolide 50%	1222-05-5	214-946-9	/	2-5
Musk xylol	81-15-2	201-329-4	/	2-5
Isopropyl myristate	110-27-0	203-751-4	Xi;R36/37/38	1-3
H.C.A	101-86-0	202-983-3	C;R34	1-3
BHT	128-37-0	204-881-4	Xn;R22 R36/37/38	3-6
Delta decalactone	705-86-2	211-889-1	/	1-2
Gama decalactone	706-14-9	211-892-8	Xi;R36/37/38	1-2
Coumarin	91-64-5	202-086-7	Xn;R20/21/22 R36/37/38 R40	1-2



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Ethyl Maltol	4940-11-8	225-582-5	Xn;R22	1-2
Ethyl vanillin	121-32-4	204-464-7	Xn;R22 R36/37/38	1-3
Acid C-10	334-48-5	206-376-4	Xi;R36/38	1-3
Eugenol	97-53-0	202-589-1	Xn;R22 R38	0.5-1
DPG	110-98-5	246-770-3 ; 203-821-4	R36/37/38	40-55

4. First-aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention

Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin exposure: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

Others: Take risk and Safety phrases (section 15) into consideration.

5. Fire-fighting measures

Suitable extinguishing media: Carbon dioxide, dry chemical, foam.

Unsuitable extinguishing media: Do not use a direct water-jet on burning material.

Extinguishers not to be used: DO NOT USE WATER EXTINGUISHERS

6. Accidental release measures

Personal precautions: Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

Environmental: keep away from drains, surface and ground water, and soil.

Methods for cleaning up: Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. Handling and storage

Handling precautions:

Apply good manufacturing and industrial hygiene practices and adequate ventilation. Do not eat, drink



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or smoke while handling. Respect good personal hygiene.

Incompatible materials: None known that present a hazard.

Storage conditions: Store in well filled and tightly closed original containers, at around 15 degC, and protected from light. Avoid certain plastic and uncoated metal containers.

Instructions as regards storage premises: Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

8. Exposure controls/personal protection

Components no substances with occupational exposure limit values.

Respiratory : Avoid excessive inhalation of concentrated vapours.

Eye protection : Wear safety glasses.

Skin protection: Not needed for normal use.

Hand protection: Avoid skin contact , Use chemically resistant gloves as needed.

General advice: Keep away from drains, surface and groundwater and soil.

9. Physical and chemical properties

Appearance	: liquid
Odor	: conforms to standard
Color	: Light yellow
Refractive Index, n_D^{20}	: 1.502±0.005
Specific Gravity, d_{25}^{25}	: 1.093±0.008
PH value	: 8.0max
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: not determined
Flash point	: 80°C
Oxidizing properties	: not determined
Boiling point	: not determined

10. Stability and reactivity

Conditions to avoid: Direct sources of heat.

Materials to avoid: Avoid contact with strong acids, alkali or oxidizing agents.

Substances to avoid: None in particular.

Hazardous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.



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11. Toxicological information

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations, in accordance with the conventional method of dir 99/45/EC, enables the evaluation of this preparation.

For further information see sections 2, 3, 15 & 16.

12. Ecological information

This preparation has not been subject to ecological testing as an entity; therefore no specific data have been generated. The ecological information available relating to the ingredients and their concentrations, in accordance with the conventional method of dir 99/45/EC, enables the evaluation of this preparation.

For further information see sections 2, 3, 15 & 16.

Avoid contaminating the earth as well as surface and ground water.

13. Disposal considerations

Dispose of according to local regulations.

Avoid disposing into drainage systems and into the environment

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

ADR

UN Number: 3082

Class: 9

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

Packing Group: III

Environmentally hazardous: yes

LATA

UN Number: 3082

Class: 9



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Environmentally hazardous: yes

IMDG

UN Number: 3082

Class: 9

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Contains: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

Packing group: III

Environmentally hazardous: yes

15. Regulatory information

Labelling according to Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. and Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments:

Symbol :Xi Irritant

N Dangerous for the environment

R/S phrases:

R38 Irritating to skin

R41 Risk of serious damage to eyes

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. Other information

Text of the risk phrases listed in section 3:

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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R52/53 Harmful to aquatic organisms, may cause longterm adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

Text of H-Statements referred to under sections 2:

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Cause serious eye irritation.

H400 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

The information in this data sheet is to the best of our knowledge true and accurate, but all data, instructions and/or suggestions are made without guarantee.

These statements are solely for the above-mentioned product and should help to take adequate safety precautions.

This "Safety Data Sheet" replaces all previous ones