

Safety Data Sheet (MSDS)

Prepared according to (EU) 2020/878

1. Chemical and Company Identification

Product Name: E643E花漾甜心
Company Name: Zhejiang Saizhao Flavors & Fragrances Co.,Ltd.
Company Address: No.13, Jingyong North Road, Shangyu Town, Jiangshan City, Zhejiang Province, PR.China
Company Phone: +86-570-4032018
Company Email:
Emergency Phone: +86 0532-82889090 (National Chemical Accident Emergency Hotline)
Product Use: Cosmetic ingredient, for industrial use only

2. Hazards Identification

Emergency Overview: Warning. May be harmful in contact with skin.May be harmful if swallowed.May cause an allergic skin reaction.Causes skin irritation.Causes serious eye irritation.Harmful to aquatic life with long lasting effects.
GHS Hazard Classifications: Acute Tox. 5 H313 Acute Tox. 5 H303 Resp. Sens. 1 H317 Skin Irrit. 2 H315 Eye Dam. 2A H319 Aquatic Chronic 3 H412
Other Hazards (PBT/vPvB/ED): No other known hazards.

Label Elements
Pictogram(s) : 
Signal Word: Warning
Hazard Statements: H313-May be harmful in contact with skin. H303-May be harmful if swallowed. H317-May cause an allergic skin reaction. H315-Causes skin irritation. H319-Causes serious eye irritation. H412-Harmful to aquatic life with long lasting effects.
Precautionary Statements: May be harmful in contact with skin. May be harmful if swallowed. May cause an allergic skin reaction. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.
Prevention: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash ... thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response: P337 + P313 - IF eye irritation persists: Get medical advice/attention. P302 + P352 - IF ON SKIN: wash with plenty of soap and water. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 - Specific treatment (see ... on this label). P332 + P313 - IF SKIN irritation occurs: Get medical advice/attention. P333 + P313 - IF SKIN irritation or rash occurs: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse. P363 - Wash contaminated clothing before reuse.
Storage:
Disposal: P501 - Dispose of contents/container to.....

3. Composition/Information on Ingredients

ID	Component	CAS No.	Concentration %min	Concentration %max	Remark
1	Linalool	78-70-6	0.1	1	
2	Phenethyl alcohol	60-12-8	1	5	
3	2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	10	25	
4	3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	5	10	
5	Ethylene brassylate	105-95-3	10	25	
6	beta-Ionone	14901-07-6	1	5	
7	alpha-iso-Methylionone	127-51-5	1	5	
8	3-Methylcyclopentadecenone	82356-51-2	0.1	1	
9	1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one	23696-85-7	0.1	1	
10	alpha-Hexylcinnamaldehyde	101-86-0	1	5	
11	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	1	5	
12	d-Limonene	5989-27-5	0.1	1	
13	Benzyl acetate	140-11-4	0.1	1	
14	alpha-Methylbenzyl acetate	93-92-5	0.1	1	
15	Linalyl acetate	115-95-7	1	5	
16	Methyl dihydrojasmonate	24851-98-7	25	50	
17	Benzyl salicylate	118-58-1	0.1	1	
18	cis-3-Hexenyl salicylate	65405-77-8	0.1	1	
19	Allyl (cyclohexyloxy)acetate	68901-15-5	0.1	1	
20	Diethyl phthalate	84-66-2	0.1	1	
21	Benzyl benzoate	120-51-4	0.1	1	

4. First Aid Measures

Inhalation: Remove victim to fresh air and keep at rest. If feeling unwell, get medical advice/attention.
Skin Contact: Wash with plenty of water and soap. If skin irritation occurs, get medical advice/attention.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion: Rinse mouth. If feeling unwell, get medical advice/attention.

5. Firefighting Measures

Extinguishing Media: Foam, dry powder, carbon dioxide, water spray.
Unsuitable Extinguishing Media: Avoid direct water spray, may cause spreading.
Special Hazards: Fire may produce harmful decomposition products such as carbon monoxide, carbon dioxide and other toxic fumes.
Firefighting Precautions and Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers exposed to fire.

6. Accidental Release Measures

Operator protection measures, protective equipment and emergency response procedures: Wear appropriate personal protective equipment (see Section 8). Avoid contact with skin and eyes. Ensure adequate ventilation.
Environmental protection measures: Prevent spillage from entering drains, waterways and soil. Notify relevant authorities if environmental pollution occurs.
Containment of spilled chemicals, clean-up methods and disposal materials used: Absorb with inert absorbent material (e.g. sand, diatomaceous earth). Collect in closed containers and dispose of according to local regulations.

7. Handling and storage

Handling Precautions: Handle in well-ventilated areas. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Follow good industrial hygiene and safety practices.
Storage Precautions: Keep container tightly closed. Store in a cool, dry, well-ventilated area. Keep away from incompatible materials and sources of ignition.

8、Exposure control and personal protection

occupational exposure limit: No specific occupational exposure limits established.
biological limit value: No biological limit values available.
Detection Methods: Refer to relevant national standard methods.
Engineering control: Ensure adequate ventilation in the workplace. Use local exhaust ventilation if necessary.
individual protective equipment: Select appropriate protective measures based on exposure conditions.
Respiratory protection equipment: No special respiratory protection required under normal conditions. Use certified respirator if ventilation is inadequate.
hand protection: Wear suitable chemical protective gloves (nitrile rubber recommended).
eye protection: Wear safety goggles or face shield.
Skin and body protection: Wear appropriate protective clothing.

9、Physical and chemical properties

ID	element	numerical value	Remark
1	Appearance		
2	pH		
3	Melting point/Freezing point		
4	Boiling point/Boiling range		
5	Flash point	90°C	Estimated from the lowest component flash point; actual measured value recommended
6	Evaporation rate		
7	Flammability (solid, gas)		
8	Explosion limits (upper/lower)		
9	Vapour pressure		
10	Vapour density		
11	Relative density		
12	Solubility		
13	Partition coefficient (n-octanol/water)		
14	Auto-ignition temperature		
15	Decomposition temperature		
16	Viscosity		
17	Odour threshold		

10、 Stability and reactivity

Reactivity: No dangerous reactivity under normal conditions of use.
stability: Stable under normal conditions.
hazardous reaction: No dangerous reactions known under normal conditions of storage and use.
Conditions for freedom from exposure: Avoid high temperatures, sparks, open flames and static discharge. Avoid direct sunlight.
prohibition on disposable material: Strong oxidizers, strong acids, strong bases.
Hazardous decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide and other toxic gases.

11、 Toxicological information

acute toxicity: Based on available data, the classification criteria are not met.
Skin irritation or corrosion: Skin irritation - Cat.2: Causes skin irritation.
Eye irritation or clothing: Eye irritation - Cat.2: Causes serious eye irritation.
Breathing or skin allergies: Skin sensitization - Cat.1: May cause an allergic skin reaction.
germ cell mutagenicity: Based on available data, the classification criteria are not met.
carcinogenicity: Based on available data, the classification criteria are not met.
reproductive toxicity: Based on available data, the classification criteria are not met.
Specific organ system toxicity - single exposure: Based on available data, the classification criteria are not met.
Specific organ-system toxicity - repeated exposure: Based on available data, the classification criteria are not met.
Aspiration Hazard: Based on available data, the classification criteria are not met.

12、 Ecological Information

ecovirus: Avoid release to the environment. For detailed ecotoxicity data, refer to the safety data sheets of individual components.
Persistence and degradability: No data available on persistence and degradability.
Bioconcentration or bioaccumulation: No data available on bioaccumulation.
Mobility in soil: No data available on mobility in soil.

13、 disposal

Waste chemicals: Dispose of in accordance with national and local regulations. Do not discharge residues into drains.
Contaminated packaging: Dispose of contaminated packaging in accordance with local regulations. Uncontaminated empty containers may be recycled.
Disposal Precautions: Waste disposal should comply with national and local environmental regulations. It is recommended to entrust qualified waste disposal units for treatment.

14、 Transportation information

United Nations Dangerous Goods Number (UN No.): To be confirmed by flash point
United Nations shipping name: To be confirmed by flash point
United Nations Hazard Classification: Contains flammable component(s); whether it is a Class 3 flammable liquid must be confirmed by the mixture's measured flash point ($\leq 60^{\circ}\text{C}$ = Class 3)
Packaging category: To be confirmed by flash point
Package Marking:
Packaging method:
Marine pollutants: no
Transportation Precautions: Ensure packaging is intact and sealed before transport. Prevent leakage, collapse, fall and damage during transport.
Transport in bulk according to IMO instruments: Not applicable

15、 Regulatory Information

Regulatory Information:

16、 Other information

SDS Revision Date:
SDS Revision No.:
Other information: