



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Identification on the label/Trade name: 3671672MANGO
Additional identification: Not available
Identification of the product: See section 3
Index Number: See section 3
REACH registration No.: See section 3
UFI /

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.2.1 Identified uses:

Not available.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative):

Supplier: Clark Associates, Inc.
Address: 2205 Old Philadelphia Pike
Lancaster, PA 17602
Telephone: 717-291-9700
Fax: -

1.4 Emergency telephone Number:

Chemtrec: (800)-424-9300 24 hour

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Skin Sens. 1	H317
Aquatic Chronic 2	H411

For full text of H- phrases: see section 2.2.

2.2 Label elements :

Hazard Pictograms:



Signal Word(S):

Hazard Statement:

Precautionary statement :

Warning

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352: IF ON SKIN: Wash with plenty of water.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P321: Specific treatment (See first aid instructions on this label).

P362 + P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container in accordance with local regulation.

2.3 Other hazards :

Not available.

SECTION3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture:

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Ethylene/ Vinyl Acetate copolymer	N/A	24937-78-8	429-840-1	73-78%	Not Classified
Benzyl Benzoate	N/A	120-51-4	204-402-9	5-12.5 %	H302 H400 H411
2-tert-Butylcyclohexylacetate	N/A	88-41-5	8201-828-7	2.5-4%	H227 H411
Limonenes	N/A	138-86-3	205-341-0	1.25-2.5%	H226 H304 H315 H317 H400 H410
Diethyl Malonate	N/A	105-53-3	203-305-9	1.25-2.5%	H227 H319
Linalool	N/A	78-70-6	201-134-4	1.25-2.5%	H227 H315 H317 H319
Verdyl Propionate	N/A	68912-13-0	N/A	0.25-1.25%	H411
Allyl Hexanoate	N/A	123-68-2	204-642-4	0.25-1.25%	H227 H301 H311 H331 H400 H412
beta Ionone	N/A	14901-07-6	238-969-9	0.25-1.25%	H411
Benzyl Salicylate	N/A	118-58-1	204-262-9	0.25-1.25%	H317 H320 H412
Benzyl Acetate	N/A	140-11-4	205-399-7	0.25-1.25%	H412
Allyl Cyclohexylpropionate	N/A	2705-87-5	220-292-5	0.25-1.25%	H302 H312 H317 H332 H400 H410
Ethyl Methylphenylglycidate	N/A	77-83-8	201-061-8	0.025-0.25%	H317 H411
3-Decen-5-ol, 4-methyl-	N/A	81782-77-6	279-815-0	0.025-0.25%	H227 H400 H411
Myrcene	N/A	123-35-3	204-622-5	0.025-0.25%	H226 H304 H315 H319 H400 H411
Delta Damascone	N/A	57378-68-4	260-709-8	0.025-0.25%	H302 H315 H317 H400 H410

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. Victim to lie down in the recovery position, cover and keep him warm. Call a physician immediately.

4.1.2 In case of skin contact:

Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. Keep warm and in a quiet place. Call a physician or poison control center immediately. Wash contaminated clothing before re-use.

4.1.3 In case of eyes contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In the case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine). Call a physician or poison control centre immediately. Take victim immediately to hospital.

4.1.4 In case of ingestion:

Call a physician or poison control centre immediately. Take victim immediately to hospital. If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Artificial respiration and/or oxygen may be necessary.

4.2 Most important symptoms and effects, both acute and delayed:

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Water jet spray / alcohol resistant foam / CO₂ / dry extinguisher.

Unsuitable extinguishing media:

Not available.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions. - Carbon oxides and other toxic fumes.

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.

6.1.2 For emergency responders:

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.

6.2 Environmental Precautions:

Should not be released into the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for Containment and Cleaning up:

Sweep up and shovel into suitable containers for disposal. Keep in properly labelled containers. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Use only equipment and materials which are compatible with the product. Keep away from Incompatible products. To avoid thermal decomposition, do not overheat. Preferably transfer by pump or gravity.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities :

Store in original container. Keep in a well-ventilated place. Keep in a dry place. Keep in properly labelled containers. Keep container closed. Keep away from incompatible products.

7.3 Specific end use(s):

Not applicable.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Not available.

8.1.2 Additional exposure limits under the conditions of use:

Not available.

8.1.3 DNEL/DMEL and PNEC -Values:

Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection:

Tight fitting protective goggles (EN 166).

Hand protection:

Handle with gloves.

Body protection:

Wear suitable protective clothing to prevent skin exposure.

Respiratory protection:

Suitable respiratory protective device recommended.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties :

Appearance :

Solid

Colour:

YELLOW

Odour:

Fragrant

Odour threshold:

Not available

pH:

Not available

Melting point/ range (°C):

ca. 21 °C(CAS# 120-51-4)

Boiling point/range (°C):

ca. 323.5 °C(CAS# 120 -51-4)

Flash point (°C):

ca. 148 °C(CAS# 120 -51-4)

Evaporation rate :

Not available

Flammability limit - lower (%):

Not available

Flammability (solid, gas):

Not available

Ignition temperature (°C):

Not available

Upper/lower explosive limits:

Not available

Vapour pressure (20°C):

Not available

Vapour density:	Not available
Relative Density:	ca. 1.112(25°C,CAS# 120 -51-4)
Bulk density (kg/m ³):	Not available
Water solubility (g/l):	> 14.1 - < 15.9 mg/L (20°C,CAS# 120 -51-4)
n-Octanol/Water (log Po/w):	log Pow: ca. 3.97 (25 °C,CAS#120 -51-4)
Auto-ignition temperature:	ca. 480 °C (CAS#120 -51-4)
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
9.2. Other information:	
Fat solubility(solvent -oil to be specified)	Not available
etc:	
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation -reduction Potential:	Not available

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials. Keep away from direct sunlight.
10.5 Incompatible materials:	Avoid contact with other chemicals, oxidizing agents, strong alkalis and strong acids.
10.6 Hazardous decomposition products:	Oxides of carbon.

SECTION 11 TOXICOLOGICAL INFORMATION

11. 1 Information on toxicological effects :	
Acute toxicity:	
ATE _{mix} (oral) :	Not available
ATE _{mix} (inhalation) :	Not available
ATE _{mix} (Dermal) :	Not available
Benzyl benzoate (CAS# 120 -51-4)	
LD50(Oral, Rat):	Not available
LC50(Inhalation, Rat):	>2000 mg/kg
LD50(Dermal, Rabbit):	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	May cause an allergic skin reaction
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity:

Benzyl benzoate (CAS# 120 -51-4)

Acute (short -term) toxicity :

LC50(96h, Fish):	2.32 mg/L
EC50 (48h, Crustacea):	3.09 mg/L
EC50(72h, Algae/aquatic plants):	Not available
Chronic (long -term) toxicity :	
NOEC(Fish):	Not available
NOEC(Crustacea):	> 0.97 mg/L
EC50(Algae/aquatic plants):	Not available

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: Not applicable

12.6 Other adverse effects: Toxic to aquatic life with long lasting effects.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods :

Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

SECTION 14 TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard Class(es)	Not regulated	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated	Not regulated

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture :

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed.
For use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical safety assessment

YES ☐ NO ☒

SECTION 16 OTHER INFORMATION

16.1 Indication of changes :

Version 1.0 Amended by (EU) 2020/878

16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation for rail International transportation of Dangerous goods

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no-effect level

PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data

ECHA Registered substances data

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008		Classification procedure
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 2	H411	Calculation method

16.5 Relevant H-statements (number and full text):

H226: Flammable liquid and vapor.

H227: Combustible liquid.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H303: May be harmful if swallowed.

H303+H313+H333 : May be harmful if swallowed, in contact with skin or if inhaled.

H304: May be fatal if swallowed and enters airways.

H311 : Toxic in contact with skin.

H312 : Harmful in contact with skin.

H313 : May be harmful in contact with skin.

H315: Causes skin irritation.

H316: Causes mild skin irritation.

H317 : May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H320: Causes eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H333: May be harmful if inhaled.

H400: Very toxic to aquatic life.

H401: Toxic to aquatic life.

H402: Harmful to aquatic life.

H410: 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.

16.6 Training instructions:

Not applicable.

16.7 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.8 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.