

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Carambola DVFL-0008
PRODUCT USE : Food manufacturing use only.
Not for direct consumption.
ADDRESS/TELEPHONE NUMBER : Ricca Peacock Asia Sdn Bhd
Lot 3, Jalan DBP 2,
Dolomite Business Park,
68100 Batu Caves Selangor.
Tel: +603 6188 9959

2. HAZARDS IDENTIFICATION

GENERAL : Aromatic Flavour Mixture.
When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material.
PHYSICO-CHEMICAL HAZARD : Not classified as dangerous according to the criteria of Directive 1272/2008/EEC.
HAZARD SYMBOL : None Required.
RISK PHRASES : None Required.
HEALTH HAZARD : Not classified as dangerous according to the criteria of Directive 1272/2008/EEC.
ENVIRONMENTAL HAZARD : When spilled, can contaminate soil, ground- and surface water.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTIFICATION : Aromatic Flavour Mixture
CAS Number : Not Applicable, product is a mixture
EINECS/ELINCS number : Not Applicable, product is a mixture
INGREDIENTS INVOLVED IN HAZARDS: None

4. FIRST AID MEASURES

INHALATION : In case of excessive inhalation, remove the person from exposure site to fresh air and keep at rest. Obtain medical advice immediately.
EYE CONTACT : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
SKIN CONTACT : Remove contaminated clothes. Wash off skin immediately with water, using soap if available. If sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.
INGESTION : Rinse mouth with water and obtain medical advice immediately. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	: Carbon Dioxide, Dry Chemical or Universal type foam
EXTINGUISHING MEDIA TO AVOID	: Never use a direct water jet on burning material
SPECIAL FIRE FIGHTING PROCEDURES	: Use appropriate means for fighting adjacent fires. Stay up wind. Evacuate the personnel away from the fumes, cool down containers and equipment exposed to heat with a water spray.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	: Gloves (natural rubber if possible) should be worn when Handling spillage. No smoking. Avoid naked flames or other potential sources of ignition. Avoid skin contamination and inhalation of vapor. Ensure adequate ventilation in working areas following accidental release. A self-contained breathing apparatus is recommended in case of major spill.
SPILLAGE	: Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed off according to the local regulations.
ENVIRONMENTAL PRECAUTION:	Do not discharge directly into drains, soil or aquatic environment.
METHOD FOR CLEANING UP	: Wipe up with cloth or paper and wash the area with water.

7. HANDLING & STORAGE:

GENERAL HANDLING	: Apply according to good manufacturing and industrial hygiene practices. Avoid contact with skin and eyes. Wear suitable gloves (natural rubber preferred) and eye/face protection. No smoking. Avoid naked flames or other potential sources of ignition. Do not subject to unnecessarily high temperature during processing. Do not ingest or apply to the skin as such. Good personal washing routines and hygiene should be followed. Maintain adequate ventilation in working areas.
STORAGE	: Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROL	: Do not subject to open flames or sources of ignition.
RESPIRATORY PROTECTION	: Avoid excessive inhalation of concentrated vapors. Apply ventilation where appropriate.
EYE PROTECTION	: Use of safety goggles is recommended.
SKIN PROTECTION	: Avoid skin contact. Use chemically resistant gloves as needed. Depending on work situation, these should include wearing protective clothing, which will also limit the odor contamination of personal clothing. Good personal hygiene and washing routines should be followed.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	:	According to standard specification
ODOUR	:	According to standard specification
PH	:	Not Available
VISCOSITY	:	Not Available
BOILING POINT	:	Not Available
MELTING POINT	:	Not Available
FLASH POINT (closed cup)	:	> 60 °C
AUTO IGNITION TEMP	:	Not Available
EXPLOSIVE LIMIT vol % IN AIR	:	None expected
OXIDIZING PROPERTIES	:	None expected
VAPOUR PRESSURE (kpa)	:	None expected
SPECIFIC GRAVITY (25°)	:	According to standard specification
SOLUBILITY	:	Not Available
PARTITION COEFFICIENT	:	Not Available
REFRACTIVE INDEX (25°C)	:	According to standard specification
INGREDIENTS	:	According to standard specification

10. STABILITY AND REACTIVITY

REACTIVITY	:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkaline or oxidizing agents.
DECOMPOSITION	:	Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Based on the ingredients in this aromatic mixture composition and their concentrations this product is according to the conventional method of EEC Directive 1272/2008/EC classified as:
Not regulated for specific health hazards.

Acute Toxicity

Oral LD50 (rat)	:	Not known
Dermal LD50 (rabbit)	:	Not known
Skin Irritation	:	Not known
Photo-toxicity	:	Not known

12. ECOLOGICAL INFORMATION

Based on the ingredients in this aromatic flavor mixture composition and their concentrations this product is according to the conventional method of EEC Directive 1272/2008/EC classified as:
Not regulated for environmental hazards.

13. DISPOSAL CONDITIONS:

Dispose off according to local regulations. Avoid disposing into drainage systems and into the environment.

14. TRANSPORT INFORMATION

Type	Class	Pack Group	UN Proper Shipping Name	UN Number	Marine Pollutant
Road (ADR/RID)	Not Regulated	Not Regulated	Not Regulated	Not Regulated	No
Air (IATA)	Not Regulated	Not Regulated	Not Regulated	Not Regulated	No
Sea (IMDG)	Not Regulated	Not Regulated	Not Regulated	Not Regulated	No

RID – Road Improvement District

IATA – International Air Transport Association

IMDG – International Maritime Dangerous Good

15. REGULATORY INFORMATION

Classification Packaging/Labeling : Directive 1272/2008/EEC
Hazard symbol : Not classified
Risk phrases : Not classified
Safety phrases : Not classified
Contains : Not contain dangerous substances

16. OTHER INFORMATION

Intended Use : Not intended for personal use in this concentration. For manufacturing use only.
Risk phrases : R22, Harmful if swallowed
R51/53, Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

The information in this safety data sheet is obtained from reputable sources and is based on the properties of the material known to Ricca Peacock Asia Sdn Bhd at the time the data sheet was issued. It is the users' responsibility to evaluate the information at their own end. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, store or applied in the workplace. For such a safety assessment Ricca Peacock Asia Sdn Bhd holds no responsibility. Attention is drawn to hazards resulting from improper use of the product. This document is not intended for quality assurance purposes. We do not accept any liability or loss, injury or damage which may result from its use. Ricca Peacock Asia Sdn Bhd assumes no liabilities for the use of this information.