



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product CINNAMON BARK OLIFFAC 0912

Print Date 06/10/2020

Page 1 (9)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CINNAMON BARK OLIFFAC 0912
IFF Code : 30775239
Cust. Material : 30775239
SDS Number : 300000330763
Product Use Description : Fragrance Compound

Company : IFF Inc.
600 Highway 36
Hazlet NJ 07730

Telephone : (732) 264-4500
Telefax : (732) 335-2551
Emergency telephone number : +1 800 424 9300

SECTION 2 HAZARDS IDENTIFICATION

GHS-Classification

Flammable liquids, Category 4
Acute toxicity, Category 3, Oral
Acute toxicity, Category 4, Inhalation
Eye irritation, Category 2A
Skin sensitisation, Category 1
Carcinogenicity, Category 1B
Reproductive toxicity, Category 2, Oral

GHS-Labeling

Symbol(s) :   

Signal word : Danger

Hazard statements : H227: Combustible liquid.
H301: Toxic if swallowed.
H317: May cause an allergic skin reaction.

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Page 2 (9)

H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child if swallowed.

Precautionary statements : P201: Obtain special instructions before use.
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P310 + P330: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
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.
P308 + P313: IF exposed or concerned: Get medical advice/ attention.

Carcinogenicity:

IARC	SAFROL	94-59-7
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No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP	SAFROL	94-59-7
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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Fragrance for consumer product

Fragrance Compound: A multi component mixture of fragrance ingredients. The specific chemical identities of the ingredients not listed herein are considered by IFF to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of Title29 of the U.S. Code of Federal Regulations.

SECTION 4. FIRST AID MEASURES

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Print Date 06/10/2020

Page 3 (9)

First aid procedures

- Inhalation : Remove from exposure site to fresh air and keep at rest. If victim is unconscious, remove foreign bodies from the mouth. If victim has stopped breathing, give artificial respiration. Obtain medical advice.
- Skin contact : Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- Eye contact : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- Ingestion : Rinse mouth with water and obtain medical advice.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : 174.20 °F (79.00 °C)

Fire fighting

Suitable extinguishing media : Use water spray, dry chemical, carbon dioxide or appropriate foam.

Protective equipment and precautions for firefighters

Special protective equipment for firefighters : Wear NIOSH approved self-contained breathing apparatus and full protective clothing when fighting fires involving chemicals. Use water spray to cool containers exposed to fire.

SECTION 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 precautions : Keep away from drains, surface- and groundwater and soil.

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Print Date 06/10/2020

Page 4 (9)

Methods for containment / : Clean up spillage promptly. Remove ignition sources. Provide
Methods for cleaning up : 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.

SECTION 7. HANDLING AND STORAGE

Handling : Avoid excessive inhalation of concentrated vapors. Follow good
manufacturing practices for housekeeping and personal hygiene.
Wash any exposed skin immediately after any chemical contact,
before breaks and meals, and at the end of each work period.
Contaminated clothing and shoes should be thoroughly cleaned
before re-use.

If appropriate, procedures used during the handling of this material
should also be used when cleaning equipment or removing residual
chemicals from tanks or other containers, especially when steam or
hot water is used, as this may increase vapor concentrations in the
workplace air. Where chemicals are openly handled, access should be
restricted to properly trained employees.
Keep all heated processes at the lowest necessary temperature in
order to minimize emissions of volatile chemicals into the air.

Advice on protection against fire : Keep away from ignition sources and naked flame.
and explosion

Requirements for storage areas and : Store in a cool, dry, ventilated area away from heat sources. Keep
containers : containers upright and tightly closed when not in use.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures

Engineering measures : Where feasible, isolate mixing rooms and other areas where this
material is used or openly handled. Maintain these areas under
negative air pressure relative to the rest of the plant.
Where feasible, use closed systems to transfer and process this
material

Version : 8
Revision Date : 05/17/2020



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product CINNAMON BARK OLIFFAC 0912

Print Date 06/10/2020

Page 5 (9)

Personal protective equipment

- Eye protection : Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
- Hand protection : Avoid skin contact. Use chemically resistant gloves.
- Respiratory protection : Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
- c) if normal operational workplace vapor concentration in the air is increased due to heat ;
- d) during emergencies; or
- e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

- Hygiene measures : To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.
- To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and

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Product CINNAMON BARK OLIFFAC 0912

Print Date 06/10/2020

Page 6 (9)

operational practices to minimize exposure.

Protective measures

: In December 2003, the National Institute for Occupational Safety and Health ("NIOSH") published an Alert on preventing lung disease in workers who use or make flavorings [NIOSH Publication Number 2004-110].
In August 2004, the United States Flavor and Extract Manufacturers Association (FEMA) issued a report entitled "Respiratory Safety in the Flavor Manufacturing Workplace".
Both of these reports provide recommendations for reducing employee exposure and for medical surveillance in the workplace. The recommendations in these reports are generally applicable to the use of any chemical in the workplace and you are strongly urged to review both of these reports.
The report published by FEMA also contains a list of "high priority" chemicals. If any of these chemicals are present in this product at a concentration $\geq 1.0\%$ due to an intentional addition by IFF, the chemical(s) will be identified in this safety data sheet.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : liquid
Appearance : CLEAR LIQUID
Colour : yellow

Odour : conforms to standard

Safety data

Flash point : 174.20 °F (79.00 °C)

Vapour pressure : .06 hPa (0.06 hPa)

Relative density (20 °C) : 1.0270 - 1.0370

SECTION 10. STABILITY AND REACTIVITY

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Print Date 06/10/2020

Page 7 (9)

Conditions to avoid : Remarks: Direct sources of heat.

Chemical stability : Remarks: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

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

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information

Further information : There is no data available for this product. The health hazards are assessed based on the ingredients in this preparation and their concentrations.

SECTION 12. ECOLOGICAL INFORMATION

Ecological information

Additional ecological information : Avoid contamination of soil, ground and surface water.

SECTION 13. DISPOSAL CONSIDERATIONS

Contaminated packaging : Place material into sealed containers and dispose of in accordance with local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Proper shipping name : TOXIC LIQUID, ORGANIC, N.O.S.
(CINNAMONITRILE)

Labels : 6.1

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Print Date 06/10/2020

Page 8 (9)

UN number : 2810
Class : 6.1
Packing group : III
Emergency Response : 153
Guidebook Number

IATA UN number : 2810
Description of the goods : TOXIC LIQUID, ORGANIC, N.O.S.
(CINNAMONITRILE)
Class : 6.1
Packing group : III
ICAO-Labels : 6.1

IMDG UN number : 2810
Description of the goods : TOXIC LIQUID, ORGANIC, N.O.S.
(CINNAMONITRILE)
Class : 6.1
Packing group : III
IMDG-Labels : 6.1
EmSNumber 1 : F-A
EmSNumber 2 : S-A
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

SARA 313 Components : SAFROL 94-59-7
SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard
Chronic Health Hazard

Reportable Quantity :

HMIS Classification : Health hazard: 2
Chronic Health Hazard: *
Flammability: 2
Physical and chemical hazards: 0

SECTION 16. OTHER INFORMATION

Further information

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Print Date 06/10/2020

Page 9 (9)

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