



## MATERIAL SAFETY DATA SHEET

### I. Product Identification

Product Label Name: MANILA

### II. Physical Data

Physical State: Liquid  
Color: Clear Yellow  
Characteristic of tobacco & vanilla flavoring  
Odor:  
Boiling/Melting Point: N/A  
Brix @ 25°C: N/A  
Flash Point: 135° F  
Specific Gravity @ 25°C: 1.11 ± 0.02  
Vapor Pressure: Not Determined  
Solubility In water: Miscible

### III. Physical Hazard Data/Fire and Explosion/Reactivity Data

Extinguishing Media: Use media for Class B fires: foam Carbon Dioxide or dry compound. Avoid direct contact with water.  
Special Fire Fighting Procedure: If confined in a container, cool exterior with water spray.  
Unusual Fire and Explosive Hazard: Closed container may build up pressure if exposed to heat.  
Condition to Avoid: Vapors form explosive mixture with air and may travel to source of ignition and flash back.  
Hazardous Decomposition Products: Burning liberates Carbon Monoxide, Carbon Dioxide, and Smoke.  
Stability Condition: Present No Significant Reactivity Hazard: Will not undergo hazardous exothermic hydrogenization

### IV. Health Hazard Information

The identity of individual components of this mixture is proprietary information and is regarded to be a Trade Secret Pursuant to 29 CFR 1910.1200. However, the mixture may present the following health hazards:

Vapor may be Irritating to Eyes, Nose, Throat, and Respiration Tract.



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Avoid Contact with Eyes and prolonged Contact with Skin.

Avoid ingestion of concentrated material. May cause damage to gastro intestinal tract.  
Work in a well-ventilated area.

### V. Protection Information

Respiratory: Avoid casual breathing of vapor.  
Ventilation: Local exhaust, mechanical preferred.  
Eyes: Use OSHA approved safety glasses.  
Hands/Skin: Use chemical resistant gloves. Use of lab gown and/or cover all is recommended.  
Others: Safety showers, eye bath.

### VI. Occupational Exposure Limit

Threshold Limit Value (TLV): Not determined.

OSHA Permissible Exposure Limit (PEL) not determined.

Has the substance been listed as a carcinogen or potential carcinogen in the "annual report in carcinogen" published by the International Agency for research on cancer or by OSHA? \_\_\_\_\_ Yes X No.

### VII. Emergency First Aid Protection

Inhalation and exposure: Remove victim from source of exposure and transfer to a well-ventilated area.  
Eye Contact: Flush with large quantities of water for at least 15 minutes. Call a physician if necessary.  
Skin Contact: Wash thoroughly with soap and large quantities of water.  
Others: Material in original concentrated form is not for ingestion. In case of ingestion: CALL A PHYSICIAN.

### VIII. Spills, Leaks and Waste Disposal Procedure

Spills and Leaks: Eliminate all source of ignition. Remove leaking container to a well-ventilated area. Respiratory protection maybe needed. Small spills may be absorbed with sand, vermiculite, or other standard absorbents.



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Waste Disposal Method: Incineration or sanitary landfill in accordance with local, state and federal regulations.

## IX. Precaution Information

Keep away from heat or flame. Store in cool dark place unless otherwise stated on label of container. Tightly closed when not in use.

All ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration or are listed as generally recognized as safe (GRAS) on a Reliable Published Association List.

## X. Transport Information

Labels Required:

NONE

Marine Pollutant: NO

Land Transport (DOT):

UN Number: 1197

Packing Group: III

UN Proper Shipping Name: Extracts, flavoring, liquid

Environmental Hazard: No relevant data

Transport Hazard Class(es): Class 3; Subrisk: No applicable

Special Precautions for User: Hazard Label: 3 / Special Provisions: B1, IB3, T2, TP1

Air Transport (ICAO-IATA / DGR):

UN Number: 1197

Packing Group: III

UN Proper Shipping Name: Extracts, flavoring, liquid

Environmental Hazard: No relevant data

Transport Hazard Class(es): ICAO/IATA Class – 3  
ICAO/IATA Subrisk – Not Applicable

ERG Code – 3L

Special Precautions for User: Special Provisions: A3

Cargo Only Packing Instructions: 366



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Cargo Only Maximum Qty / Pack: 220 L

Passenger and Cargo Packing Instructions: 355

Passenger and Cargo Maximum Qty /Pack: 60 L

Passenger and Cargo Limited Qty Packing Instructions: Y344

Passenger and Cargo Limited Maximum Qty/Pack: 10 L

Sea Transport (IMDG-Code / GGVSee)

UN Number: 1197

Packing Group: III

UN Proper Shipping Name: EXTRACTS, FLAVOURING, LIQUID

Environmental Hazard: Not Applicable

Transport Hazard Class(es): IMDG Class: 3

IMDG Subrisk: Not Applicable

Special Precautions for User: EMS Number: F-E, S-D

Special Provisions: 223 955

Limited Quantities: 5 L

Date: 4/2015

NOTICE: The information submitted, to the best of our knowledge is true and accurate. All recommendations or suggestions pertaining to product labeling, product use or production procedures are made without warranty or guarantee. Users should make their own tests to determine the applicability or suitability for their own particular purposes.