

#: T0158967  
#: 001250060  
# : EB02  
BARCODE #: 124396360300128050  
PRODUCT NAME: ROMAIRE LEMON

ORDER #: 01100  
STICKER #: 001250609

MATERIAL SAFETY DATA SHEET: ROMAIRE LEMON

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CA ONLY

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

N/A

Trade Name & Synonyms

ROMAIRE LEMON

Chemical Family:

ALIPHATIC PETROLEUM DISTILLATE

Formula Mixture --> X

Manufacturer's Name:

CERTIFIED LABS, DIV. OF NCH CORP.

Address:

BOX 152170  
IRVING, TEXAS

Prepared By:

M DICKSON/CHEMIST

Product Code Number

5940

Emergency Phone Number

972-438-1381

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

ALIPHATIC PETROLEUM DISTILLATE

ESTER-BASED FRAGRANCE

\*\*\*DENOTES TRADE SECRET

Hazard

COMBUST.

IRR/COMB

TLV

300PPM 1.

NOT EST. 1

PEL

300PPM 2.

NOT EST. 2

STEL

NOT EST.

NOT EST.

CAS #

64742-47-8

N/A\*\*\*

SECTION III - PHYSICAL DATA

Boiling Point (F): 401-490

Specific Gravity (B20=1): 0.79

Vapor Pressure (MM HG): <2

Color: YELLOW

Vapor Density (Air=1): >5

Odor: LEMON

Flash Point (F): N/A

Clarity: TRANSPARENT

% Volatile by Volume: 100

Evaporation Rate (BU A/C=1): <0.1

H2O Solubility: NEGLIGIBLE

Viscosity: NONVISCIOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point  
175 F. / SETA

Flammable Limits  
PETROLEUM DIST.

LEL  
1.3

UEL  
8.8

Extinguishing Media

X <--Foam <--Alcohol Foam X <--CO2 X <--Dry Chemical X <--Water Spray <--Other

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards:

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER.

NFPA 704 Hazard Rating

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

1 <--Health 2 <--Flamability 0 <--Reactivity <--Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYE CONTACT: CAUSES IRRITATION SEEN AS TEARNG AND REDNESS. SKIN CONTACT: CAUSES IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED CONTACT MAY CAUSE ALLERGIC DERMATITIS. INHALATION: MIST CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT SEEN AS COUGHING. INTENTIONAL INHALATION CAN CAUSE HEADACHE, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, CENTRAL NERVOUS SYSTEM DEPRESSION, CARDIAC ARRHYTHMIA AND POSSIBLE DEATH. INGESTION: INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

-Chronic (Long Term Exposure)

PROLONGED OR REPEATED CONTACT MAY LEAD TO DERMATITIS. TARGET ORGANS: CENTRAL NERVOUS SYSTEM, KIDNEYS MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS.

Primary Routes of Entry:

X <--Inhalation <--Ingestion <--Absorption

Emergency and First Aid Procedures:

-Inhalation:

NORMALLY NOT A HAZARD. REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF

## SECTION V - HEALTH HAZARD DATA (Continued)

IRRITATION DEVELOPS.

**-Skin Contact:**

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**-Ingestion:**

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

**-Notes to Physician:**

INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

## SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--&gt; No      NTP--&gt; No      OSHA--&gt; No      ACGIH--&gt; No      OTHER--&gt; No

ALIPHATIC PETROLEUM DISTILLATE

ORL-RAT LDLO: 28 GM/KG 3.

IHR-RAT LDLO: 800 MG/KG 3.

LABORATORY ANIMAL STUDIES HAVE SHOWN THAT PROLONGED AND REPEATED BREATHING OF LIGHT HYDROCARBON VAPORS IN THE SAME NAPHTHA BOILING RANGE AS THIS PRODUCT CAN PRODUCE ADVERSE KIDNEY EFFECTS IN MALE RATS. HOWEVER, THESE EFFECTS WERE NOT OBSERVED IN SIMILAR STUDIES WITH FEMALE RATS AND MALE AND FEMALE MICE IN LIMITED STUDIES WITH OTHER ANIMAL SPECIES. ADDITIONALLY, IN A NUMBER OF HUMAN STUDIES, THERE WAS NO CLINICAL EVIDENCE OF SUCH EFFECTS. IT IS HIGHLY UNLIKELY THAT KIDNEY EFFECTS OBSERVED IN MALE RATS HAVE SIGNIFICANT IMPLICATIONS FOR HUMANS EXPOSED AT OR BELOW VAPOR LIMITS IN THE WORKPLACE. 3.

ESTER MIXTURE

REPEATED DAILY ORAL DOSING TO LABORATORY ANIMALS INCREASED OCULAR TENSION. REPEATED DAILY APPLICATION TO THE SKIN OF PREGNANT LABORATORY ANIMALS CAUSED REPRODUCTIVE EFFECTS. REPEATED DAILY INHALATION OF HIGH LEVELS TO LAB ANIMALS CAUSED KIDNEY DAMAGE. 3.

## SECTION VII - REACTIVITY DATA

Stability:            X &lt;--Stable            &lt;--Unstable

Incompatibility (Materials to Avoid):

OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND HYDROGEN PEROXIDE.

Hazardous Decomposition Products:

OXIDES OF CARBON.

Hazardous Polymerization:

&lt;--May Occur            X &lt;--Will Not Occur

## SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

ELIMINATE ALL IGNITION SOURCES. DUE TO THE NATURE OF THE PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, WIPE UP WITH A CLOTH AND CLEAN AREA WITH A DETERGENT. USE CARE AS SPILLS MAY BE SLIPPERY.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:

NONE.

## SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

GENERAL EXHAUST IS ADEQUATE.

Respiratory Protection:

NOT REQUIRED UNDER NORMAL USE CONDITIONS.

Glove Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

Eye Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

Other Protection:

N/A

## SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature:    Indoors--> X            Outdoors-->            Heated-->            Refrigerated-->  
 Minimum Temperature: 32 F.    Maximum Temperature: 75 F.

Precautions to be Taken in Handling and Storing:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAMES, OR STRONG OXIDANTS.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

## SECTION XI - REGULATORY INFORMATION

Chemical Name  
None

CAS Number

Upper &amp; Limit

## SECTION XI - REGULATORY INFORMATION (Continued)

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

## CALIFORNIA PROPOSITION 65

WARNING: This product contains the following chemical(s) known to the State of California to cause (1) Cancer or (2) Birth Defects or other reproductive harm. This product contains: Butylated Hydroxyanisole(1), Benzene(1) and Toluene(2) as trace contaminants.

## SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1997
  2. OSHA PEL
  3. VENDOR'S MSDS
- ALL OF THE COMPONENTS WITHIN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE  
CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED,  
COC: CLEVELAND OPEN CUP, PMCC: PENSKEY-MARTIN CLOSED CUP, TCC: TAGLIABUE CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT, NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE LEVEL, STEL: SHORT-TERM EXPOSURE LIMIT, MLD: MILD, MOD: MODERATE, SEV: SEVERE, MUT: MUTAGENIC, ASPHYX: ASPHYXIANT

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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