



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: **Citrus Pomegranate FRG2194**
CHEMICAL NAME: **None, compound mixture.**
CAS NO: **Not applicable**
PHYSICAL STATE: **Liquid.** COLOR: **Yellow** ODOR: **Characteristic**
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SECTION 2 – COMPOSITION

CAS NO. INGREDIENT TYPICAL Wt. %
The specific identities of the components of this proprietary mixture are withheld as a trade secret. In the event of a medical emergency they will be revealed to a qualified health professional.
EC CLASSIFICATIONS: **Not applicable.**

SECTION 3 – HAZARDS IDENTIFICATION

This proprietary mixture has not been tested whole on animals or humans. Individual components present at ≥1.0% have the following health hazards when tested at 100%:

ACUTE HAZARDS: Not Known

CHRONIC HAZARDS: Not Know

Contains [no] ingredients at 0.1% of more listed by OSHA and/or IARC as carcinogens.

SECTION 4 - FIRST AID MEASURES

INHALATION EXPOSURE: **Seek fresh air immediately. If breathing is difficult, get medical attention.**
SKIN CONTACT: **Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, get medical attention.**
EYE CONTACT: **Flush with water for at least 15 minutes. If irritation develops, get medical attention.**
INGESTION: **Drink lots of water to dilute substance. Get medical attention immediately.**

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:	>145°F (>63°C)
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam. If water must be used, use as a spray only.
UNUSUAL FIRE FIGHTING PROCEDURES:	None
UNUSUAL FIRE & EXPLOSION HAZARDS:	Avoid heat, sparks and open flames.
CONDITIONS OF FLAMMABILITY:	Not Determined
UPPER FLAMMABILITY LIMIT:	Not Determined
LOWER FLAMMABILITY LIMIT:	Not Determined
AUTO-IGNITION TEMP:	Not Determined
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, carbon monoxide, and acrid fumes.
SENSITIVITY TO MECHANICAL IMPACT:	Not Applicable
SENSITIVITY TO STATIC DISCHARGE:	Not Determined

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Refer to Section 8 for personal protection equipment information.
ENVIROMENTAL PRECAUTIONS:	Do not discharge into lakes, streams, ponds or public waters.
CLEANUP PROCEDURES:	Small spills should be adsorbed by dirty, sand or other suitable adsorbent. Large spills may be pumped into closed containers for recovery or disposal.

SECTION 7 – HANDLING AND STORAGE

HANDLING:	See Section 8 for personal protective equipment.
STORAGE:	Do not store in close proximity to heat, sparks, open flames, strong acids, strong bases. To minimize product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION EQUIPMENT

GENERAL COMMENT: Whenever possible use this product in a fully closed system to minimize or eliminate exposures. If exposure is possible, isolate the work area from other areas of the plant physically and/or by maintaining the work area under negative pressure relative to the rest of the plant.

VENTILATION:	Consult a qualified ventilation expert. Use local exhaust ventilation meeting ACGIH design criteria wherever exposures may occur, such as where material is weighed, poured, mixed, transferred, etc. Ensure there is dilution ventilation to minimize or reduce worker exposures.
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SAFETY STATIONS:	An eyewash and safety shower should be readily available.
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CONTAMINATED EQUIPMENT: **Clean contaminated equipment with soap and water. Do not discharge wash water into lakes, streams, ponds or public waters.**

PERSONAL PROTECTION EQUIPMENT:

EYE PROTECTION: **Wear safety glasses, full face shields, or goggles meeting OSHA design criteria when eye contact might occur.**

SKIN PROTECTION: **Avoid contact with skin. Use oil/chemical resistant gloves.**

RESPIRATORY PROTECTION: **A respirator is not normally required in areas where local exhaust ventilation meets ACGIH criteria and when the material is handled in closed systems. If the vapor concentration is high due to heat, spills or other emergencies, or if ventilation does not meet ACGIH criteria, use a NIOSH approved organic vapor respirator. For maximum respiratory protection use air-supplied respirators.**

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	ODOR:	Characteristic
APPEARANCE:	Clear	SOLUBILITY IN WATER:	Slight
SPECIFIC GRAVITY (@ 20°C):	1.056 – 1.066		
REFRACTIVE INDEX (@ 25°C):	1.495 – 1.505		
FREEZING POINT:	Not Determined		
VAPOR PRESSURE:	Not Determined		
ODOR THRESHOLD:	Not Determined		
BOILING POINT:	Not Determined		
VAPOR DENSITY (AIR=1):	> 1		
EVAPORATION RATE:	Not Determined		
pH:	Not Applicable		
Octanol-water Partition Coefficient:	Not Applicable		

SECTION 10 – STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: **Carbon dioxide, carbon monoxide, and acrid fumes.**

CONDITIONS TO AVOID: **Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.**

MATERIALS TO AVOID: **Avoid contact with strong acids, strong bases, and materials that react with unsaturated hydrocarbons, alcohols and aldehydes.**

SECTION 11 – TOXICOLOGICAL INFORMATION

This mixture has not been tested. See Section 3.

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADABILITY: **Not determined.**
AQUATIC TOXICITY: **Not determined.**
MOBILITY: **Not determined.**
BIOACCUMULATION POTENTIAL: **Not determined.**

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: **Dispose of waste in accordance with all applicable Federal, State, and Local laws.**

SAFE HANDLING OF WASTES: **Refer to section 8 for information on personal protection equipment and exposure controls when handling this material for disposal.**

COMMUNITY PROVISION: **Dispose of this material at a government approved landfill, incinerator or recovery facility.**

SECTION 14 – TRANSPORTATION INFORMATION

DOT SHIPPING NAME: **Fragrance material.**
DOT BULK: Container greater than 119 gallons (450 liters): **Not determined**
ADR/RID: **Not regulated.**
IMDG Class: **Not regulated.**
IATA Classification: **Not regulated.**

SECTION 15 – REGULATORY INFORMATION

INVENTORIES STATUS:

USA (TSCA): **All ingredients listed**
EUROPEAN UNION: **Not Determined**
CANADA: **Not Determined**
AUSTRALIA: **Not Determined**
JAPAN: **Not Determined**
KOREA: **Not Determined**
PHILLIPPINES: **Not Determined**
CHINA: **Not Determined**
SARA Title III, Section 313: **Contains no materials subject to reporting
[or contains x% of {generic class} subject to reporting**
SARA Title III, Section 311: **Fire[], Acute Health [], Chronic Health []**

SECTION 16 – OTHER INFORMATION

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)

HEALTH: **1**
FLAMABILITY: **1**
REACTIVITY: **1**
PERSONAL PROTECTION: **C – See section 8**

SECTION 17 - PREPARATION DATE OF MSDS

MSDS PREPARED BY: Regulatory Affairs DATE: February 19, 2014

References:

RIFM – Research Institute for Fragrance Materials.

RTECS – Registry of Toxic Effects of Chemical Substances.

Company Contacts:

Regulatory Affairs Department.

Acronyms:

NTP – National Toxicology Program; IARC – International Agency for Research on Cancer; OSHA – Occupational Health and Safety Administration.

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