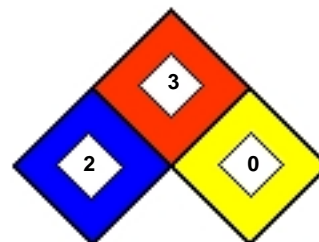
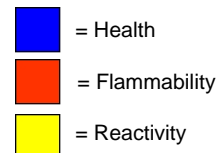


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NFPA HAZARD CLASSIFICATIONS



FOR INFORMATION OR IN AN EMERGENCY CALL 1-609-452-1000 (from 9:00 AM to 5:00 PM EST. M-F),
FOR ALL OTHER TIME PERIODS CALL CHEMTREC @ 1-800-424-9300 or 1-703-527-3887.

Firmenich Incorporated

250 Plainsboro Road, Plainsboro, New Jersey 08536, U.S.A.

I. IDENTIFICATION

Item reference: NATURAL & ARTIFICIAL ORANGE TANGERINE GRAPE FLAVOR 560116 SEI

II. PHYSICAL DATA

Vapor pressure (At 20C in mm Hg) : 113.2
Vapor density (Air = 1) : > 1
Solubility in water : Not applicable
Physical state : LIQUID

III. FIRE AND EXPLOSION HAZARD INFORMATION

Flash point(Clos. cup) = 46 Fahrenheit (= 8 Centigrade)

Flammable liquid by OSHA classification.

Extinguishing media: Foam, carbon dioxide or dry chemical

Unusual Fire And Explosion Hazards:

Closed containers may build up pressure if exposed to heat (fire). Vapors form explosive mixtures with air and may travel to a source of ignition and flash back.

Fire Fighting Procedures:

Cool fire exposed containers with water spray.

IV. REACTIVITY INFORMATION

Stability:

Presents no significant reactivity hazard. Normally stable even at elevated temperatures and pressures. Avoid temperatures above or near to the flash point. Not pyrophoric nor reactive with water. Does not undergo explosive decomposition, is shock stable, and is not an oxygen donor. Does not form explosive mixtures with other organic materials. Will not undergo hazardous exothermic polymerization.

Incompatibility (Materials To Avoid):

Avoid strong oxidizing agents.

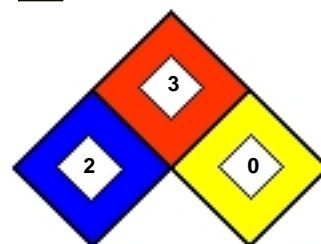
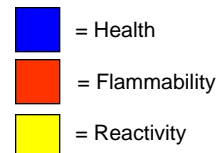
V. HEALTH HAZARD INFORMATION

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Toxicological Information

This preparation has not been subjected to toxicological testing as an entity but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution.

Ecological Information

This preparation has not been subjected to ecotoxicological testing as an entity. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localised parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution.

Health Hazard Determination:

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret.

However, based on a health hazard determination of the individual components of this mixture the individual components may present the following health hazards.

Prolonged skin contact or ingestion at high levels may affect the reproductive process.

Prolonged or repeated skin contact in the presence of light may cause photo-irritation.

May be irritating to skin and eyes.

Vapor may be irritant to eyes, nose, throat and respiratory tract.

Prolonged inhalation at high levels may cause serious health effects.

It may also cause anesthesia, headache, loss of muscle coordination, mental confusion, nausea/vomiting, rapid heart beat.

Prolonged or repeated ingestion at high level may affect the liver, reproductive system.

It may also cause anesthesia, headache, loss of muscle coordination, mental confusion, nausea/vomiting, rapid heart beat.

VI. EMERGENCY AND FIRST AID PROCEDURES

Eye (Contact):

In the event of contact with the eyes, irrigate with water for at least 15 minutes; obtain medical advice if irritation persists.

Skin (Contact):

Remove contaminated clothes. Wash affected area with water. If irritation persists, obtain medical advice.

Ingestion (Swallowing):

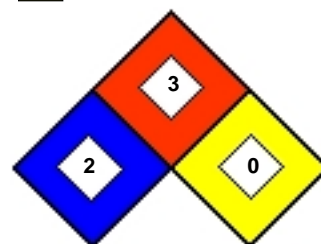
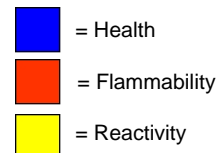
In the event of accidental ingestion, rinse mouth with water. Give up to one tumbler (half pint) of milk or water. Obtain medical advice immediately.

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Other:

Individuals showing evidence of inhalation exposure should be taken to an uncontaminated area. Obtain medical advice immediately.

VII. HANDLING AND SPILL/LEAK PROCEDURES

Empty all containers using a two stage pumping system or draining until no free liquid remains

Steps To Be Taken If Material Is Released Or Spilled:

Eliminate all sources of ignition. Leaking containers should be removed to a well ventilated area if possible to do safely. If not, dike around container to limit spread of spill, leak. If spill/leak is small, clean up with standard absorbents (sand, vermiculite, etc.). Wear rubber gloves. Avoid contact with skin. If skin contact occurs, wash liberally with soap and water. See Section VI above. If large leak/spill, call HAZMAT Team. Vapors may cause vomiting and nausea. Wear appropriate respiratory protection.

Waste Disposal Method:

Incineration or sanitary landfill in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Breathing of the vapors or dust particles may be hazardous. In the absence of appropriate engineering controls such as spot ventilation, ventilated enclosures, etc., workers should avail themselves of the appropriate NIOSH approved respiratory protection.

Ventilation:

The appropriate engineering controls such as mechanical ventilation must be used to ensure the TLV, PEL, or STEL is not exceeded. Open containers in a well ventilated area.

Protective Gloves:

Oil resistant gloves.

Eye protection:

Splash - proof safety goggles.

Other protective equipment:

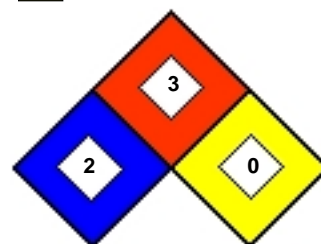
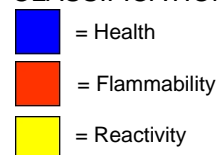
None required.

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IX. SPECIAL PRECAUTIONS

Precautions (Handling and Storing):

Keep away from heat and flame. Keep container closed when not in use.

X. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III NOTIFICATION

This mixture contains a toxic chemical or chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 29 CFR 1910.1200.

0.1% Acetaldehyde,
CAS# 75-07-0,

MATERIAL SAFETY DATASHEET PREPARED BY FIRMENICH 17-MAY-2007