

1. Product and Company Identification

Material name	ORANGE FLAVOR 92621*02
Revision date	Aug-17-2009
Product code	92621*02
Manufacturer information	PepsiCo Inc. 700 Anderson Hill Road Purchase, New York 10577 USA Phone: +1 914 253 2000, E-Mail: SafetyDataSheets@Pepsi.com Emergency (24 Hour) Phone Numbers: BRAZIL +55 92 2129 2700 CANADA +1 613 996 6666 CHINA +86 0532 83889090 INDIA +91 1672 274512 to 516 IRELAND- Little Island +353 21 452 3100, Carrigaline +353 21 484 6100 Transport Incidents: +44 1865 407333 MEXICO +52 800 726 7526 or +52 712 122 9300 Transport Incidents: +52 55 5559 1588 or +52 800 00 214 00 PAKISTAN +92 995 617091 #313, Office (Mo to Fri) +92 995 617 091 #303 PUERTO RICO Transport Incidents: +1 800 424 9300 (US Only) or +1 703 527 3887 URUGUAY Transport Incidents: +598 52 24979, +1 703 527 3887 UNITED STATES +1 800 451 8346, Transport Incidents: +1 800 424 9300 (US Only) or +1 703 527 3887 VENEZUELA +58 239 222 9625, International Emergency +1 281 879 9350

2. Hazards Identification

Emergency overview	Prolonged exposure may cause chronic effects.
OSHA regulatory status	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Routes of exposure	Inhalation.
Eyes	Health injuries are not known or expected under normal use.
Skin	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Health injuries are not known or expected under normal use.
Potential environmental effects	May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures	
Eye contact	Rinse with water. Get medical attention if irritation develops or persists.
Skin contact	Get medical attention if irritation develops or persists. Rinse skin with water/shower.
Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria. Not combustible by OSHA criteria.
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Extinguishing media

Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Methods for cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

Never return spills in original containers for re-use.

7. Handling and Storage

Handling

Do not handle or store near an open flame, heat or other sources of ignition. Use only with adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Avoid release to the environment.

Storage

Keep away from heat, sparks, and flame.

8. Exposure Controls / Personal Protection

Engineering measures to reduce exposure

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal protective equipment

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Not normally needed.

Eye protection

Not normally needed.

Skin and body protection

No special protective equipment required.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance

Not available.

Color

Orange

Form

Cloudy Liquid

Odor

Orange

Odor threshold

Not available.

Physical state

Liquid.

pH

Not available.

Melting point

35.6 °F (1.78 °C) estimated

Freezing point

Not available.

Boiling point

212 °F (100 °C) estimated

Flash point

212 °F (100 °C)

Evaporation rate

Not available.

Flammability

Not available.

Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.1421
Relative density	9.5053 LB/GL
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	1850 °F (1010 °C) estimated
Decomposition temperature	Not available.
Percent volatile	57.85 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	This product is incompatible with nitrates. Strong oxidizing agents. Amines.

11. Toxicological Information

Chronic effects	Not expected to be hazardous by OSHA criteria. Prolonged exposure may cause chronic effects.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Disposal instructions	Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
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14. Transport Information

Not available.

15. Regulatory Information

Mexico regulations	This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).
US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. CERCLA/SARA Hazardous Substances - Not applicable.
Occupational Safety and Health Administration (OSHA)	
29 CFR 1910.1200 hazardous chemical	No
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

No

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 0
Flammability: 1
Instability: 0

Prepared by

Isabell H. Lynch

Disclaimer

PepsiCo Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

Issue date

Aug-17-2009