

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation	PEPSI COLA FLAVOR 35005*25
Revision date	08-31-2010
Product code	35005*25
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: AMERICAS +1-760-602-8712 - access code 333017 APAC +1-760-476-3960 - access code 333017 EMEA +1-760-476-3961 - access code 333017

2. HAZARDS IDENTIFICATION

This preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	R52
Physical hazards	Not classified as a physical hazard.
Health hazards	Prolonged exposure may cause chronic effects.
Environmental hazards	Harmful to aquatic organisms.
Specific hazards	Harmful to aquatic organisms.
Composition comments	The full text for all R-phrases is displayed in Section 16.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Phosphoric acid	7664-38-2	2.5 - 10	231-633-2	C, R34
Non-hazardous and other components below reportable levels		> 90		

4. FIRST-AID MEASURES

Inhalation	Move to fresh air. Get medical attention, if needed.
Skin contact	Rinse with water. Get medical attention if irritation develops or persists.
Eye contact	Rinse with water. Get medical attention if irritation develops or persists.
Ingestion	Rinse mouth. Do not use mouth-to-mouth method if victim ingested the substance. If ingestion of a large amount does occur, call a poison control centre immediately.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Containment procedures	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.
Personal precautions	Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for cleaning up	<p>Large Spills: Prevent product from entering drains. Do not allow material to contaminate ground water system. Dike far ahead of 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.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills in original containers for re-use.</p>

7. HANDLING AND STORAGE

Handling	Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling.
Storage	Store in accordance with local/regional/national/international regulation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

Romania

Components

CAS

TWA

STEL

Phosphoric acid

7664-38-2

1 mg/m3

2 mg/m3

Engineering measures

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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.

General

Use personal protective equipment as required. Keep working clothes separately.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available.
Physical state	Liquid.
Form	Aqueous Liquid
Color	Brown
Odor	Cola
Odor threshold	Not available.
pH	Not available.
Boiling point	117 °C (242.6 °F) estimated
Flash point	> 100 °C (> 212 °F)
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.
Relative density	10.0033 LB/GL
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Viscosity	Not available.
Vapor density	Not available.
Evaporation rate	Not available.
Melting point	6.34 °C (42.8 °F) estimated
Freezing point	Not available.
Auto-ignition temperature	1010 °C (1850 °F) estimated
Specific gravity	1.2018
Percent volatile	26.62 % estimated

10. STABILITY AND REACTIVITY

Stability	No hazards deemed to be of major importance.
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Materials to avoid This product is incompatible with nitrates. Aluminium. Strong oxidising agents. Strong acids. Amines. Caustics. None known.

11. TOXICOLOGICAL INFORMATION

Component analysis - LD50

Toxicology Data - Selected LD50s and LC50s

Phosphoric acid	7664-38-2	Inhalation LC50 Rat: >850 mg/m3/1H; Oral LD50 Rat:1530 mg/kg; Dermal LD50 Rabbit:2730 mg/kg
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Routes of exposure Inhalation.

Chronic toxicity Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity Components of this product have been identified as having potential environmental concerns. Expected to be harmful to aquatic organisms.

Ecotoxicity - Freshwater Fish Species Data

Phosphoric acid	7664-38-2	96 Hr LC50 Gambusia affinis: 3-3.5 mg/L
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Ecotoxicity - Water Flea Data

Phosphoric acid	7664-38-2	12 Hr EC50 Daphnia magna: 4.6 mg/L
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Environmental effects Harmful to aquatic life.

Water hazard class WGK 1

13. DISPOSAL CONSIDERATIONS

Disposal instructions Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Offer rinsed packaging material to local recycling facilities.

14. TRANSPORT INFORMATION

Not available.

15. REGULATORY INFORMATION

International regulations The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

Labelling

R-phrases(s) R52 Harmful to aquatic organisms.

16. OTHER INFORMATION

List of relevant R phrases R34 Causes burns.
R52 Harmful to aquatic organisms.

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.

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