MATERIAL SAFETY DATA SHEET
Coca-Cola Zero / Coke with Flavors MicroDosed Beverage Mix Part 1

1) Identification of the substance/preparation and of the company
   Identification of the product: Beverage Mix Part 1
   Trade name: Coca-Cola Zero / Coke with Flavors (MicroDosed)
   Type of product and use: Substance/Preparation for the manufacture of beverages
   Company identification: The Coca-Cola Company
   Emergency phone number:
   1-404-676-7532 (USA)
   1-877-672-1118 (Puerto Rico)

2) Composition/information on ingredients
   Hazardous component(s):
   Phosphoric Acid.....RTECS No. TB6300000... CAS No. 7664-38-2
   ACNIH TLV (8hr TWA) = 1 mg/m3
   (15 min. STEL) = 3 mg/m3
   OSHA PEL (8hr TWA) = 1 mg/m3
   Caffeine.....RTECS No. EV6475000...CAS No. 58-08-2

3) Hazards identification
   Health Hazard Data
   Not listed as a carcinogen by NTP, IARC monographs or OSHA.
   This material is not corrosive to skin nor an irritant to intact skin although phosphoric acid
   in its pure form is corrosive and an eye, skin and inhalation irritant. It may be an irritant to
   cut or scratched (abraded) skin. This material may be irritating to the eyes. This material is
   non-corrosive to skin (OSHA) but corrosive to steel (DOT).
   While pure caffeine is toxic under applicable OSHA definition, The Coca-Cola Company
   believes that the level of caffeine present in the preparation is such that this material is not
   toxic. While there is no evidence of human teratogenic effects for caffeine, it is an animal
   teratogen. Ingestion of more than one gram of pure caffeine causes excitement,
   insomnia, dizziness, palpitation, headaches, or vomiting in some people.

   Primary routes of entry: Inhalation, absorption
   Medical conditions aggravated: Eye, Skin & Respiratory Inflammation

4) First aid measures
   Inhalation: If overcome by exposure, remove victim to fresh air immediately. Seek medical attention.
   Skin contact: Wash skin thoroughly with mild soap/water. Seek medical attention if ill effect or irritation
   develops.
   Eye contact: Remove any contact lenses at once. Flush eyes well with large quantities of water for at
   least 15 minutes. Seek medical attention.
   Ingestion: For small amounts, give milk of magnesia or a glass or two of water, or milk to dilute
   substance. For large amounts, seek medical attention. DO NOT INDUCE VOMITING.

5) Fire-fighting measures
   Extinguishing media: Water, carbon dioxide, dry chemical or foam
   Special exposure hazards: Under fire conditions, this product may release carbon monoxide, carbon dioxide and
   other decomposition products of undetermined hazards.
   Protect against fire: As with any fire situation, full face, self-contained breathing apparatus and appropriate
   protective clothing should be worn.

6) Accidental release measures
   After spillage / leakage: No smoking. Eliminate other ignition sources. Leaking containers should be moved to a
   dry, well-ventilated area. Isolate spill area. Provide clean-up workers with protective
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THE COCA-COLA COMPANY // P.O. BOX 1734 // ATLANTA, GA 30301 U.S.A.
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7) Handling and storage
General
Avoid eye and skin contact. Protect against physical damage to containers. Store in closed containers away from heat, caustics and oxidizing materials or any sources of ignition.

As with all semi-finished materials, prudent industrial practices should be employed to minimize contact with eyes, skin and mucous membranes.

- UN No.
  Not applicable (Consumer Commodity)

8) Exposure controls/personal protection

TLV (mg/m3)  Not established
PEL (mg/m3)  Not established

- Respiratory protection
  No special respiratory protection equipment is recommended under normal conditions of anticipated use with adequate ventilation.

- Skin protection
  Skin protection appropriate to the conditions of use.

- Eye protection
  Safety glasses with side guards should be worn to prevent injury from flying particles and/or other eye contact with this product.

- Hand protection
  Wear suitable gloves resistant to chemical penetration.

- Other
  Adequate ventilation is recommended.

9) Physical and chemical properties

Physical state  Opaque liquid
Color  Dark brown
Odor  Caramel

Apparent Density at 20° C (kg/L)  1.1
pH value  2
Flash point  >200 °F ASTM D 93 Pensky-Martens Closed Cup

Non-Combustible Liquid (OSHA)

10) Stability and reactivity

Hazardous decomposition products  None known
Stability  Stable
Incompatibility  Strong alkalis, strong oxidizing agents and other incompatible materials.
Hazardous Polymerization  Will not occur
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