

MATERIAL SAFETY DATA SHEET

CCCL BOT/CAN, Coca-Cola classic Concentrate Part 1

1) Identification of the substance/preparation and of the company

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| Identification of the product | Beverage Concentrate Part 1 |
| Trade name | Coca-Cola classic |
| Type of product and use | Substance/Preparation for the manufacture of beverages |
| Company identification | The Coca-Cola Company |
| Emergency phone nr | 1-404-676-7532 (USA) 1-877-672-1118 (Puerto Rico) |

2) Composition/information on ingredients

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| Hazardous component(s) | Phosphoric Acid.....RTECS No. TB6300000... CAS No. 7664-38-2 - ACGIH TLV (8hr TWA) = 1 mg/m3 (15 min. STEL)= 3 mg/m3 - OSHA PEL (8hr TWA) = 1 mg/m3 |
| | Ethyl Alcohol.....RTECS No. KQ6300000...CAS No. 64-17-5 - ACGIH TLV (8hr TWA) = 1880 mg/m3 or 1000 ppm - OSHA PEL (8hr TWA) = 1900 mg/m3 or 1000 ppm |
| | Caffeine.....RTECS No. EV6475000...CAS No. 58-08-2 |

3) Hazards identification

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| Health Hazard Data | Not listed as a carcinogen by NTP, IARC monographs or OSHA. Contact with the eyes is likely to be irritating. Prolonged, repeated skin contact can cause skin irritation. Excessive inhalation or ingestion of excessive amounts may cause dizziness and central nervous system effects. 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 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

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| 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

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| Extinguishing media | Water, carbon dioxide, dry chemical or foam |
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 ATLANTA, GA 30301 U.S.A.

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| 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. |
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| 6) <u>Accidental release measures</u> | |
| 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 clothing and, when necessary, chemical resistant gloves equivalent to Neoprene/PVC. Safety glasses with side guards should be worn to prevent injury from flying particles and/or other eye contact with this product. |
| Waste Handling and Disposal Method | Use handling and disposal procedures appropriate for the spent absorbent material. |
| Neutralizing Agent | Small spills may be neutralized with lime water slurry or soda ash and flushed with large amounts of cold water. |
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| 7) <u>Handling and storage</u> | |
| 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. | UN 1805 |
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| 8) <u>Exposure controls/personal protection</u> | |
| 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. |
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| 9) <u>Physical and chemical properties</u> | |
| Physical state | Liquid |
| Color | Brown |
| Odor | Caramel |
| Apparent Density at 20° C (kg/L) | 1.3 |
| pH value | 1 |
| Flash point | >200°F ASTM D 93 Pinsky-Martens Closed Cup Non-Combustible Liquid (OSHA) |
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| 10) <u>Stability and reactivity</u> | |
| Hazardous decomposition products | None known |
| Stability | Stable |
| Incompatibility | Strong alkalis, strong oxidizing agents and other incompatible materials. |

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Hazardous Polymerization

Will not occur

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Supersedes 11-09-1995

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