

## Material Safety Data Sheet

Date of Preparation: 2/1/04

MSDS No. CQ-10 & CG-11

### Section 1 – Chemical Product and Company Identification

**Product Name:** Flush & Clean for A/C Systems.

**Part Number(s):** CQ-10 & CG-11

**CAS Number:** NOT APPLICABLE TO MIXTURES

**Product Class:** Automotive product

**Manufacturer:** Interdynamics, Inc. 80 39<sup>th</sup> Street, 8<sup>th</sup> Floor, Brooklyn, NY 11232

**Information Phone No. (Interdynamics):** 718-499-0608 **Emergency Phone No.(CHEMTREC):** 800-424-9300

### Section 2 – Composition/ Information on Ingredients

Ingredient Name	CAS Number	OSHA TWA	ACGIH TLV
Hydroxypropyl Methacrylate	923-26-2	-	-
Phosphoric Acid	7664-38-2	1 mg./m3	1 mg./m3
Poly (oxy-1, 2-ethanediyl), a-(nonylphenyl)w-hydroxy-, phosphate	51811-79-1	-	-
Propylene Oxide	75-56-9	240 mg/m3	48 mg./m3
Ingredients not precisely identified are proprietary or non-hazardous.			

### Section 3 – Physical and Chemical Properties

**Physical State:** Liquid.

**Appearance/Odor:** Opaque with brown tint / Mild odor.

**% Volatile:** N/A

**Boiling Range:** approximately 380 deg. F.

**Vapor Density (Air=1):** No Data Available

**Specific Gravity (@C20 °C):** 0.9562

**Evaporation Rate(Butyl Acetate=1):** Negligible

**Vapor Pressure:** No Data Available

### Section 4 – Fire Fighting Measures

**Flash Point:** 224 deg. F.

**Flash Point Method:** Seta Flash Closed Cup.

**LEL:** N/A

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Alcohol Resistant Foam, Water Fog, Water spray. Keep closed containers cool with water.

**Unusual Fire or Explosion Hazards:** None.

**Special Fire-Fighting Procedures:** Do not use heavy stream of water. Firefighters must be equipped with approved self-contained breathing apparatus and protective clothing to prevent breathing of vapors or products of combustion.

### Section 5 – Stability and Reactivity

**Stability:** Stable

**Polymerization:** May occur if Oxygen is present in atmosphere above the product container.

**Incompatibilities & Conditions to Avoid:** Avoid exposure to direct sunlight. Store below 77 deg. F. **Materials to Avoid:** Oxidizers such as Hydrogen Peroxide, Bromide and Chromic Acid. Reducing Agents. Metal Oxides.

**Hazardous Decomposition Products:** CO & CO<sub>2</sub>, Oxides of Phosphorous, acrid smoke and irritating fumes from burning.

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## Section 6 – Health Hazard Information

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**Primary Entry Routes:** Eyes, dermal, inhalation and ingestion

**Target Organs:** Eyes, skin, respiratory system

**Signs & Symptoms of Exposure:** Irritation to eyes, skin or breathing. Ingestion may irritate mouth, throat, or digestive tract.

**Acute Effects:** Low order of acute toxicity. Contains Phosphoric Acid, a severe eye irritant.

**Chronic Effects:** No data available.

**Carcinogenicity:** This product does not contain components at concentrations greater than 0.1% that are listed as Carcinogen.

**Medical Conditions Generally Aggravated by Exposure:** No data available.

### Emergency and First Aid Procedures

**Inhalation:** Remove from exposure, keep warm and rest. Use Oxygen if necessary. Call physician immediately.

**Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for 15 minutes. Have eyes examined and treated by medical personnel.

**Skin Contact:** Wash skin thoroughly for 15min. Consult physician if blistering occurs.

**Ingestion:** Wash out mouth with water. Do not induce vomiting without a Physician's advice.

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## Section 7 – Spill, Leak, and Disposal Procedures

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**Steps To Be Taken In Case Material Is Released or Spilled:** Evacuate unprotected personnel. Contain and absorb using sand, earth, vermiculite or other inert material. Prevent from entering drains or waterways. Transfer into suitable containers.

**Waste Disposal Method:** In accordance with applicable Federal, State and local regulations.

**Precautions To Be Taken In Handling and Storage:** Use in well ventilated areas. Avoid contact. Avoid contact. Keep containers closed until ready to use. Keep in cool, dry place.

**Other Precautions:** Keep away from Oxidizers, Reducing agents and Metal Oxides.

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## Section 8 – Exposure Controls / Personal Protection

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**Ventilation** general mechanical ventilation.

**Protective Clothing/Equipment:** NIOSH or MSHA respiratory protection must be worn if exposure to high concentrations is possible. Chemical tight goggles, full face-shield in addition if splashing is possible. Oil impervious Protective Gloves with outer layer of Mylar coated Durafab or PVA or Neoprene. Apron, arm covers or full body suit, depending on conditions. Impervious boots in case of prolonged liquid contact.

**Safety Stations:** Ventilate low-lying areas such as sumps or pits where dense vapors may collect. Use local exhaust to control exposures.

**Work/Hygienic Practices:** Use in well ventilated areas. Avoid inhaling vapors. Avoid contact with eyes, skin or clothing.

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## DOT Transportation Data

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<u>PART NUMBER(S)</u>	<u>SHIPPING NAME</u>	<u>HAZARD CLASS IDNO.</u>	<u>PACKING GROUP</u>
CQ-10 & CG-11	Consumer Commodity	ORM-D UN 1805	N/A

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