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 39th Street, 8th 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 & CO2, Oxides of Phosphorous, acrid smoke and irritating fumes from burning.

Section 6 – Health Hazard Information

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.

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.

Section 8 – Exposure Controls / Personal Protection

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.

DOT Transportation Data

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

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