

Material Safety Data Sheet

Date of Preparation: 2/1/04

MSDS No. CHL1-2AS

Section 1 – Chemical Product and Company Identification

Product Name: Engine Cool (Chill Out CHL-1 Kit).

Part Number(s): CHL1-2AS

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
Refined Petroleum Oil(s)	-	-	-
Lubricant	-	-	-
Additives	-	-	-
Ingredients not precisely identified are proprietary or non-hazardous.			

Section 3 – Physical and Chemical Properties

Physical State: Liquid.

Appearance/Odor: Amber to Dark / Slight Petroleum Odor.

% Volatile: N/A

Boiling Range: >212 deg. F.

Vapor Density (Air=1): >1

Specific Gravity (@C20 °C): 0.91

Evaporation Rate(Butyl Acetate=1): <1

Vapor Pressure: <1

Section 4 – Fire Fighting Measures

Flash Point: >300 deg. F.

Flash Point Method: Open Cup.

LEL: N/A

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog.

Unusual Fire or Explosion Hazards: Water may cause frothing.

Special Fire-Fighting Procedures: Firefighters must wear self-contained breathing apparatus with full face-piece operated in pressure demand or positive pressure mode. Use full turnout gear.

Section 5 – Stability and Reactivity

Stability: Stable

Polymerization: Will not occur.

Incompatibilities & Conditions to Avoid: Avoid Oxidizing Agents.

Hazardous Decomposition Products: CO & CO₂, traces of Sulfur, Zinc and Phosphorus Oxides.

Section 6 – Health Hazard Information

Primary Entry Routes: Eyes, dermal, inhalation and ingestion

Target Organs: Eyes, skin, respiratory system

Signs & Symptoms of Exposure: Mild transient skin & eye irritation. Upon ingestion, slight gastrointestinal discomfort, diarrhea and headache may occur.

Acute Effects: Low risk of inhalation at ambient temperatures. Elevated mist concentrations may cause lung damage, dizziness, headache or nausea, can cause mild skin & eye irritations.

Chronic Effects: May cause drying, cracking (dermatitis) or Folliculitis and irritation.

Carcinogenicity: This product does not contain components that are listed as a Carcinogen.

Medical Conditions Generally Aggravated by Exposure: None.

Emergency and First Aid Procedures

Inhalation: Move to fresh Air. 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 affected areas of skin thoroughly with plenty of warm soap & water. Obtain medical attention. Launder clothing before reuse.

Ingestion: Do not induce vomiting without a Physician's advice.

Section 7 – Spill, Leak, and Disposal Procedures

Keep at temperature not exceeding 113 DEG F. Keep containers dry. Keep away from direct sunlight, or any heat source.

See SEC 09 Special Precautions for industrial hygiene control measures. Clean up any oil spill. Prevent entry into sewers and water ways. Absorb with inert absorbent. Place used rags and absorbent in closed metal containers.

Steps To Be Taken In Case Material Is Released or Spilled: Remove sources of heat or ignition. Provide adequate ventilation. Small Spills: soak up with absorbent material. Large Spills: Evacuate area, contain spill in temporary dikes. Administer first aid.

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

Precautions To Be Taken In Handling and Storage: Wear protective gloves and clothing with an outer layer of Mylar coated Durafab. Wear safety goggles. Use in well ventilated areas.

Other Precautions: Normal chemical handling & storage.

Section 8 – Exposure Controls / Personal Protection

Ventilation general mechanical ventilation. Oil mist inhalation should be avoided.

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.

Eye wash station in work areas.

DOT Transportation Data

<u>PART NUMBER(S)</u>	<u>SHIPPING NAME</u>	<u>HAZARD CLASS IDNO.</u>	<u>PACKING GROUP</u>
CHL1-2AS	Consumer Commodity	ORM-D UN 1268	N/A

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