



**interdynamics**

*Material Safety Data Sheet*

Date of Preparation: 1/9/06

MSDS No. PA-2

**Section 1 – Chemical Product and Company Identification**

**Product Name:** Pure-Air 8oz Can  
**Part Number(s):** PA-2  
**CAS Number:** Not Applicable to Mixtures  
**Product Class:** Automotive product

**Manufacturer:** Interdynamics, Inc. 555 White Plains Road, Tarrytown, NY 10591  
**Information Phone No. (Interdynamics):** 914-798-7900 **Emergency Phone No.(CHEMTREC):** 800-424-9300

**Section 2 – Composition/ Information on Ingredients**

Ingredient Name	CAS Number	OSHA PEL	ACGIH TLV
Ethyl Alcohol, Ethanol	64-17-5	1000 ppm	1000 ppm
Isopropyl Alcohol, 2-Propanol	67-63-0	400 ppm	400 ppm
Butane	106-97-8	800 ppm	800 ppm
Propane	74-98-6	1000 ppm	Asphyxiant
Fragrance Oil	Proprietary		

Ingredients not precisely identified are proprietary or non-hazardous.

No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

**Section 3 – Physical and Chemical Properties**

**Physical State:** Gas and liquid under pressure. **Boiling Range:** -44 deg. F. – 212 deg. F  
**Appearance/Odor:** aerosol product **Vapor Density:** Heavier than air  
**% Volatile:** ?? **Specific Gravity (H<sub>2</sub>O = 1):** 0.75  
**Evaporation Rate:** Slower than ether **Solubility in water:** Nil

**Section 4 – Fire Fighting Measures**

**Flash Point:** -156 Deg. F  
**Flash Point Method:** estimated  
**Flammable Limits in Air by Volume:** Lower: 1.9 Upper: 20  
**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog,  
**Unusual Fire or Explosion Hazards:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.  
**Special Fire-Fighting Procedures:** Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used fog nozzles are preferred. Wear goggles and self-contained breathing apparatus.

**Section 5 – Stability and Reactivity**

**Stability:** Stable  
**Polymerization:** Will not occur.

**Incompatibilities & Conditions to Avoid:** Avoid application to hot surfaces, storage above 120 deg. F and exposure to open flame.  
**Hazardous Decomposition Products:** May produce fumes when overheated. Fumes may contain Carbon Monoxide and other toxic fumes.

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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:** Respiratory irritation, headache, nausea, fatigue, drowsiness, and impaired coordination. Contact may dry the skin. Irritation to skin and eyes. Dizziness, loss of coordination or lung irritation. Contact may dry skin causing moderate irritation. Solvent action may defat the skin causing the skin to crack, leading to dermatitis.

**Acute Effects:** moderate to severe eye irritation. May cause dizziness and loss of concentration. Possible frostbite.

**Chronic Effects:** No data available.

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

**Medical Conditions Generally Aggravated by Exposure:** None known

### Emergency and First Aid Procedures

**Inhalation:** Remove to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing labored. Call physician immediately.

**Eye Contact:** Liquid splashes or vapor spray may cause freeze burns. Immediately flush with large volumes of fresh water. After initial flushing, remove any contact lenses and continue flushing for 15 minutes. Have eyes examined and treated by medical personnel.

**Skin Contact:** Wipe off with towel. Wash with soap & water. Get medical attention if irritation persists.

**Ingestion:** If swallowed seek immediate medical attention.

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

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**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 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:** Evacuate unprotected personnel. Wear protective equipment. Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

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

**Precautions To Be Taken In Handling and Storage:** Store and use in cool, dry well ventilated areas. Vapors may cause flash fire. Keep away from heat, sparks and flame. Do not store above 113 deg. F. Do not puncture or incinerate cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. See product label for additional cautions.

**Other Precautions:** Use with adequate ventilation to avoid vapor build-up. Open doors and windows or use an explosion proof exhaust fan to ensure fresh air exchange during and after use. Do not breathe vapor, gas or spray mist. Do not eat. Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Empty containers retain product residues; follow label warnings even after can is emptied. Do not store in basements.

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## Section 8 – Exposure Controls / Personal Protection

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**Respiratory Protection:** Avoid breathing vapors. Use with adequate ventilation equal to out-of-doors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**Ventilation:** Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of hazardous ingredients below stated level.

**Protective Gloves:** Solvent resistant gloves required for prolonged or repeated contact.

**Eye Protection:** Use of safety glasses with splash guards or full face shield is recommended.

**Other Protective Clothing or Equipment:** Use of solvent resistant aprons or other clothing is recommended.

**Work/Hygienic Practices:** Eye washes & safety showers in the workplace are recommended.

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## DOT Transportation Data

<u>PART NUMBER(S)</u>	<u>SHIPPING NAME</u>	<u>HAZARD CLASS</u>	<u>ID NO.</u>
PA-2	Consumer Commodity	ORM-D	UN1170 &UN1011

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