

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME – Pierce Airrow® Winter Lubricant

PRODUCT LABEL – Pierce Airrow® Winter Lubricant

PART NUMBERS – 256-614 & 256-615

Supplier Information:

The Charles Machine Works, Inc.

1959 West Fir Avenue

Perry, OK 73077

Emergency Telephone: 1 800-851-0403

Copied by Rich Lambert

Phone: 580-572-2480

Date Prepared: 4/2007

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIAL</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
Ethylene Glycol	107-21-1	85.00 – 95.00
Additive(s)	Proprietary	5.00 – 15.00

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.

SECTION 3 – HAZARDS IDENTIFICATION

EYE CONTACT: Sustained contact with product in the eye may cause irritation.

SKIN CONTACT: None during normal usage. Prolonged skin contact may cause redness or irritation.

INHALATION: Inhalation of product may cause irritation of the mucous membranes and respiratory tract.

INGESTION: Not an expected route of exposure. Ingestion may cause abdominal pain, nausea and vomiting.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Flush eyes for 15 minutes with large amounts of water, while keeping the eyelids open. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly with mild soap and water. Flush with luke-warm water for 15 minutes. Seek medical attention if irritation persists.

INHALATION: Remove victim from contaminated area. Optional: Give mouth-to-mouth breathing and/or CPR, if needed. Oxygen can be given under a doctor's orders.

INGESTION: If ingested in significant amount, DO NOT induce vomiting; call a physician immediately.

NOTE TO PHYSICIAN: Treat symptomatically.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: 230°F

LOWER FLAMMABLE LIMIT: N.D.

UPPER FLAMMABLE LIMIT: N.D.

AUTO IGNITION TEMPERATURE: Not determined.

EXTINGUISHING MEDIA: Foam, carbon dioxide (CO₂), dry chemical, or water fog.

UNUSUAL FIRE HAZARDS: None

FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus (SCBA). Do not enter fire area without proper protection. Fight fire from safe distance.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RELEASES: In case of a spill, vacuum, scoop or shovel up spilled material. Place spilled material into covered container for disposal. Dispose of according to applicable local, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Use the recommended personal protective equipment. Do not eat, drink, smoke or apply make-up when using this material. Wash hands after using this material and before entering non-work areas or handling food or applying cosmetics. Do not use tobacco products in the immediate area.

STORAGE: Store in a cool area, keeping material packaged in original container. Protect from overheating, sparks and flames.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ACGIH THRESHOLD LIMIT VALUE: Not determined
(8 hr. time weighted average)

OSHA PERMISSIBLE EXPOSURE LIMIT: Not determined
(8 hr. time weighted average)

RECOMMENDED EXPOSURE LIMIT: 5 mg/m³ (for oil mist in air)

VENTILATION REQUIREMENTS: Not necessary under normal conditions of use.

RESPIRATORY PROTECTION: None required under normal use conditions. Enclosed areas or large quantities may require respiratory protection.

EYE AND FACE PROTECTION: Approved safety glasses with side shields or equivalent chemical splash goggles.

SKIN PROTECTION: Oil proof or oil resistant gloves.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light yellow liquid

ODOR: Bland

BOILING POINT: Not determined

SPECIFIC GRAVITY: 1.110
WATER SOLUBILITY: Soluble
VAPOR PRESSURE: Not determined

SECTION 10 – STABILITY & REACTIVITY

STABILITY: Stable

REACTIVITY: Not reactive.

CONDITIONS TO AVOID: Avoid contact with heat, flames and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents: liquid chlorine, hydrogen peroxide, concentrated oxygen, sodium hypochlorite, calcium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other harmful products.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute inhalation or ingestion may cause Central Nervous System symptoms such as headache, dizziness, and nausea.

SECTION 12 – ECOLOGICAL INFORMATION

No information is available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Material, as supplied, is not a U.S. EPA hazardous waste. Follow all federal, state and local regulations.

SECTION 14 -- TRANSPORTATION INFORMATION

SHIPPING CLASS: Not regulated.

SECTION 15 – REGULATORY INFORMATION

TSCA STATUS: All components of this mixture are listed on the Toxic Substances Control Act (TSCA) Section 8 (b) Chemical Inventory.

SARA SECTION 313: 85 – 95% Ethylene Glycol, CAS# 107-21-1

SARA SECTION 311/312:

Acute: No

Chronic: No

Fire: No

Reactivity: No

Sudden Release of Pressure: No

FOOD GRADE RATING: Not a USDS Food Grade Product.

KOSHER CERTIFICATION: Certified Kosher by Tablet K.

*Customers are reminded to check their state list of hazardous chemicals for proper disclosure and reporting of chemical substances.

SECTION 16 – OTHER INFORMATION**NFPA CODE: HEALTH: 1 FIRE: 1 REACTIVITY: 0**

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