

MATERIAL SAFETY DATA SHEET
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB. No. 1218-0072

IDENTITY (As used on Label and List): **ATX-1100T**

Manufacturer's Name: Bell Performance, Inc.
Address (Number, Street, City, State, and Zip): 1340 Bennett Drive, Longwood, FL 32750
Telephone Number for Information: 407-831-5021
Emergency Telephone Number: CHEMTREC: USA 800-424-9300; INTL 703-527-3887 (Collect)
Chemtrec Contract Number: CCN2554

I. Product Identification

IDENTITY (As used on Label and List): ATX-1100T

CHEMICAL NAME: Over-based oil soluble magnesium sulfonate in #2 fuel oil

II. Composition/Information on Hazardous Ingredients

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>
Magnesium sulfonates	Proprietary	55-80	N/Av	N/Av	N/Av
Fuel oil, No 2	68476-30-2	20-45	N/Av	N/Av	N/Av

III. Hazards Identification

APPEARANCE: Brown color

ODOR: Hydrocarbon odor

SIGNIFICANT HAZARDS: None determined

COMBUSTIBLE liquid and vapor. Skin and eye irritant. May cause irritation to the respiratory tract. Contains a material which can cause liver and kidney damage. Contains a material which can cause nervous system effects. Contains a material which may cause embryo/ferotoxicity based on animal data. Contains a material which may cause effects to the blood and/or bone marrow.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Direct eye contact may cause irritation.

SKIN CONTACT: Prolonged and repeated skin contact may cause irritation and possibly dermatitis. Repeated skin contact may produce an allergic sensitization. In such cases, incidental (minor) contact may cause allergic rashes. Sunlight will aggravate or cause irritation to skin exposed to a component(s) of this product.

INHALATION: Prolonged, repeated or high exposures may cause irritation to the respiratory m= (nose, mouth, mucous membranes). Prolonged, repeated or high exposures may cause pneumonitis and in extreme case, pulmonary edema. Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness dizziness and possibly narcosis. In extreme cases, may cause loss of consciousness.

INGESTION: Harmful if swallowed. May cause severe gastrointestinal disturbance with headache, nausea vomiting and diarrhea Aspiration into lungs may cause pulmonary chemical pneumonitis. May be readily absorbed through the gastrointestinal tract.

CHRONIC EFFECTS: Ingestion or inhalation of a large quantity of magnesium oxide may cause a feverish reaction and leukocytosis.

CARCINOGENICITY: From skin-painting studies of petroleum distillates of similar composition and distillate range, it has been shown that these types of materials often possess weak carcinogenic activity in laboratory animals. In these tests the material is painted on the shaved backs of mice twice a week for their lifetime. The material is not washed off between applications. Therefore, there may be a potential risk of skin cancer from prolonged or repeated skin contact in the absence of good personal hygiene.

IV. First Aid Measures

EYES: If material gets into eyes, flush with water immediately for 15 minutes. Obtain medical attention if irritation persists.

SKIN: In case of contact, wash skin immediately with soap and water. If rash or irritation develops, consult a physician. Launder clothing before reuse. Obtain medical attention if irritation persists.

INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe. Aspiration may cause pulmonary edema or aspiration pneumonia.

INGESTION: Rinse mouth with water and obtain medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious individual.

V. Fire Fighting Measures

Flash Point (Method Used): 140°F/60°C (SFCC)
Flammable Limits: LEL: 0.6% UEL: 6.6%

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide. Carbon dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat from fire can generate flammable vapors.

EXTINGUISHING MEDIA: CO₂, Dry Chemical. Foam, Water Fog

FIRE-FIGHTING INSTRUCTIONS: Use a self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode. Combustible. Cool fire-exposed containers using water spray. Do not discharge extinguishing waters into rivers, lakes or streams.

VI. Accidental Release Measures

LEAKS OR SPILLS: Use personal protective equipment as necessary. Absorb with suitable chemical absorbent. Dispose of material in accordance with all federal, state and local regulations. Eliminate sources of ignition.

For small spills, absorb on inert materials such as sand, earth or vermiculite. Collect for disposal.
For large spills, dike to contain the spill. Pump excess material into suitable containers (i.e. metal drums).

Refer to Section 15 for regulatory reporting requirements in the event of an accidental release.

VII. Handling and Storage

Electrically bond and ground all containers and equipment before transfer or use of material. Combustible liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Keep container closed when not in use. Use in well ventilated area.

VIII. Exposure Controls/Personal Protection

ENGINEERING CONTROLS:

Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Chemical resistant gloves (neoprene), rubber or plastic apron, and chemical goggles should be used to prevent skin and eye contact.

RESPIRATORY PROTECTION:

When concentrations exceed nuisance levels, use appropriate NIOSH-approved respirator. In extreme cases a Self Contained Breathing Apparatus (SCBA) may be necessary.

IX. Physical and Chemical Properties

Solubility in Water: Insoluble

Density @ 60 F (16 C): 9.55 lb/USgal

Boiling Point ASTM D-86: 150-350 deg C

Physical State: Liquid

Solubility in Organic Solvents: Soluble

Evaporation Rate: Is slower than Ether

Vapor Density: Is heavier than air

Vapor Pressure: N.D.

X. Stability and Reactivity

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Keep away from strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

No known information.

XI. Toxicological Information

Component	LD ₅₀ Dermal	LD ₅₀ Oral	LC ₅₀ Inhalation
Fuel oil, No 2	>2000 mg/kg (rabbit)	>5000 mg/kg (rat)	>5500 mg/kg (rat)
Magnesium sulfonates	N.D.	>25000 mg/kg (rat)	N.D.

XII. Ecological Information

There is no data available on the product itself.

XIII. Disposal Considerations

Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material in accordance with applicable regulations. Note that these regulations may also apply to empty containers, liners, and

rinsate. Processing, use, dilution, or contamination of this product may cause its physical and chemical properties to change.

XIV. Transport Information

Domestic (Land, D.O.T.)

Information Reported for Product/Size: Not regulated for road or rail shipment if packaged in non-bulk containers (450L/119G or less each). If shipped in containers > 450L/119 USgal, this product is regulated as: COMBUSTIBLE LIQUID, N.O.S., NA 1993, PGIII, ERG 128.

Marine Pollutant: No

IMDG Classification

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class: 3

UN/NA: UN1268

Packing Group: III

ICAO Classification

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class: 3

UN/NA: UN1268

Packing Group: III

XV. Regulatory Information

SARA 313 Components present at levels requiring reporting the statute: NONE.

EPA Hazard Categories (SARA 311, 312): Fire Hazard

CHEMICAL INVENTORY

CANADA – The ingredients of this product are on the DSL.

EUROPE – The ingredients of this product are on the EINECS inventory.

UNITED STATES – The ingredients of this product are on the TSCA inventory.

AUSTRALIA – The ingredients of this product are on the AICS inventory.

CHINA – The ingredients of this product are on the IECSC inventory.

JAPAN – The ingredients of this product are on the ENCS inventory.

KOREA – The ingredients of this product are on the ECL.

XVI. Other Information

Product Use: Heavy fuel oil additive

Bell Performance, Inc. (REV 08/12)