

Revision Date: 02/12/2001

MATERIAL SAFETY DATA SHEET

Product Name: EMERGENCY TIRE INFLATOR--660
Manufacturer: X LABORATORIES, INC.
Address: 440 DENNISTON COURT WHEELING IL 60090
Telephone: (847) 459-5000
Emergency: (800) 752-7869
Contact: EH&S MANAGER

SECTION 01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: EMERGENCY TIRE INFLATOR--660
Synonyms:
Description: AEROSOL TIRE CARE PRODUCT CONTAINING AN AQUEOUS SOLUTION OF ETHYLENE GLYCOL

NFPA 704M® Rating:
Health: 1 Fire: 0 Reactivity: 0 Special:

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 02 COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Ingredients (% by Weight)

Ingredient	CAS Number	Percent Weight
PROPANE-ISOBUTANE-n-BUTANE	68476-86-8	20% - 25%
ETHYLENE GLYCOL	107-21-1	1% - 5%
AMMONIUM HYDROXIDE	1336-21-6	< 1 %

SECTION 03 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Prolonged contact with skin may cause moderate irritation. Harmful if swallowed or if eye contact occurs.

POTENTIAL HEALTH EFFECTS

CARCINOGENICITY: Product not considered a carcinogen by OSHA, NTP, or IARC.
MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.
TARGET ORGANS: Liver, kidneys.
PRIMARY ENTRY ROUTES: Ingestion, inhalation.

ACUTE HEALTH EFFECTS

EYE: Will cause irritation upon contact.

SKIN: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis.
INHALATION: Respiratory irritation and dizziness.
INGESTION: Large dose can be fatal.

CHRONIC HEALTH EFFECTS: None known.

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SECTION 04 FIRST AID INFORMATION
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EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

SKIN CONTACT: Wash area with soap and water. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

INGESTION: INDUCE vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS victim anything by mouth.

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SECTION 05 FIRE FIGHTING MEASURES
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FLASH POINT: NG

EXTINGUISHING MEDIA: Carbon Dioxide (CO2), Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

FIRE FIGHTING EQUIPMENT: Self contained breathing apparatus with full face piece operated in positive pressure mode.

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SECTION 06 ACCIDENTAL RELEASE MEASURES
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SPILL/LEAK PROCEDURES: Notify safety personnel, evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All clean-up personnel should wear proper personal protective equipment.

SMALL SPILL: Clean with inert absorbant and place in recovery drums for disposal.

LARGE SPILL: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations (20CFR1910.120).

NOTE: Product in aerosol container, spill hazard unlikely.

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SECTION 07 HANDLING AND STORAGE
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STORAGE REQUIREMENTS: Store in clean, dry locations away from excessive heat.

HANDLING PRECAUTIONS: Wash thoroughly after handling. Do not get into eyes, on skin, or on clothing.

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SECTION 08 EXPOSURE CONTROLS AND PERSONAL PROTECTION

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ENGINEERING CONTROLS: Eye wash station and safety shower.

VENTILATION: General ventilation. Material non-volatile.

PERSONNEL PROTECTIVE EQUIPMENT

EYE: Chemical splash goggles with indirect or no ventilation.

SKIN: None required under normal use.

RESPIRATORY: None required under normal use.

COMMENTS: Never eat, drink, or smoke in work areas.

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SECTION 09 PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT: > 212 F

SPECIFIC GRAVITY: 1.025

pH: 10.25

ODOR/APPEARANCE/CHARACTERISTICS: White milky liquid, ammonia odor.

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SECTION 10 STABILITY AND REACTIVITY

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STABILITY: Material is stable

POLYMERIZATION: Hazardous polymerization cannot occur.

CHEMICAL INCOMPATIBILITIES: Strong oxidizing and reducing agents.

CONDITION TO AVOID: Excessive heat and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, and carbon dioxide.

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SECTION 11 TOXICOLOGICAL INFORMATION

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-----LD50-----
Ammonium Hydroxide: 350 mg/kg (oral)
Ethylene Glycol: 8.54 mg/kg (oral)

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SECTION 12 ECOLOGICAL INFORMATION

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No data.

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SECTION 13 DISPOSAL CONSIDERATIONS
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Dispose of in accordance with all applicable state, federal, and local regulations.

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SECTION 14 TRANSPORTATION INFORMATION
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DOMESTIC:
*Not regulated

EXPORT:
*Aerosol Dispenser, UN1950, IMCO 9.0, Page 9022.

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SECTION 15 REGULATORY INFORMATION
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U.S. FEDERAL REGULATIONS

OSHA: Considered hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III:
-Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n):
*IMMEDIATE (acute) HEALTH HAZARD
*DELAYED (chronic) HEALTH HAZARD
*SUDDEN RELEASE HAZARD
-Section 313 (40CFR372): This product contains ingredients which are subject to the reporting requirements of SARA 313:
*Ethylene Glycol

STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

NEW JERSEY RIGHT-TO-KNOW: This product contains the following ingredients which are non-hazardous, but are among the top five ingredients in this product:

-----CAS#-----
7732-18-5: Water
24937-78-7: Polymer

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SECTION 16 OTHER INFORMATION
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NOTES:
*NG="NOT GIVEN"
*BT="BETWEEN"
*<="LESS THAN"

*>="GREATER THAN"

USER'S RESPONSIBILITY: This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please contact your local sales representative or our Environmental, Health and Safety Department for further information.

END OF MSDS