

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: AMMONIA TRAFFIC LANE

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Traffic Lane Prespray

Reactivity: 0

Chem. Family: Mixture

Use: Carpet prespray concentrate

Health: 2

Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

2-Butoxyethanol
Aqua Ammonia
EDTA

CAS

111-76-2
1336-21-5
64-02-8

% WT

10-25
1-2
1-2

HAZARD DATA

LD50 1746 mg/kg (oral-rat)
LD50 350 mg/kg (oral-rat)
LD50 3030 mg/kg (oral-rat)

EXPOSURE LIMITS (TLV)

25 ppm TWA
25 ppm
N/A

PHYSICAL DATA

Physical State: Liquid

Odor/ Appearance: Clear, ammonia odor

Boiling Point (C): 205 F

Freezing Point (C): N/D

Solubility in Water: 100 %

Ph (undiluted): 10.6

Evaporation Rate: N/D

Specific Gravity: 0.9990

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): 10 %

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: CO₂, dry chemical

Special Procedures: N/A

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/A

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): N/A

Lower Explosion Limit (% by vol): N/A

Auto-ignition:

Rate of Burning: N/A

Explosive Power: N/A

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: CO, CO₂, oxides of nitrogen, ammonia

Incompatible Substances: Strong oxidizing materials

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
Route of Entry - Skin Absorption: Y
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: Y
Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N
Carcinogenicity Y/N: N
Mutagenicity Y/N: N
Teratogenicity Y/N: N/D
TLV: N/D

Effects of Overexposure:

Acute Effects:

May cause nausea, narcosis, blood effects and irritation to gastrointestinal tract and respiratory system if inhaled or ingested. Eye contact will cause irritation.

Chronic Effects:

Prolonged skin contact may lead to defatting dermatitis.

PREVENTATIVE MEASURES

Gloves: Impervious gloves

Eyes: Safety glasses

Footwear: N/A

Respirator: N/A

Clothing: N/A

Other: N/A

Recommended Engineered Controls:

Local exhaust recommended.

Leak & Spill Procedures:

Small quantities may be diluted with water and flushed to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool dry place. Avoid skin and eye contact. Avoid breathing vapors.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.

Ingestion: If swallowed drink large quantities of water or milk and immediately call the nearest Poison Control Centre.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 8, 2010

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
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This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.