# AMINOMETHYL PROPANOL CAS # 124685

A Special Carcinogen E Dermal Hazard I Neurotoxin

B Human Terato\Repro Haz F Corrosive J Suspect Carcinogen

C Highly Toxic G Eye Damage K Suspect Terato\Repro Haz

D Inhalation Hazard H STEL L Sensitizers

HAZARD INDEX . . . . . . G . . . . .

NFPA HAZARD CODES (H,F,R,O) 2 2 0

ACUTE TOXICTY RISK INDEX 2.2 - LD50 2900.0 mg/Kg

INHALATION RISK INDEX 1.4 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes severe eye irritation.

nhalation: May be harmful if inhaled. Material is irritating to

mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Ccombustible

VAPOR PRESSURE .800 mm Hg @ 20 °C

FLASH POINT 154.4 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Oxidizing agents, Strong acids Copper, Copper alloys,

Brass, Aluminum.

FIRE EXTINGUISHER: Carbon dioxide, dry chemical powder, or appropriate foam.

TOXIC EMISSIONS WHEN BURNED: and nitrogen oxides

Store at -20°C

Store under inert gas. Air sensitive.

Keep tightly closed. Keep away from heat and open flame. Store in a cool dry

place. Store under nitr

REACTIVE PROPERTIES

HANDLING: Do not breathe vapor. Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed. Keep away

from heat and open flame. Store in a cool dry place. Store under nitrogen\.

Store at -20░C SPECIAL REQUIREMENTS Store under inert gas. Air sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: Xi

Indication of Danger: Irritant.

R: 36/38 52/53

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for

disposal. Ventilate area and wash spill site after material

pickup is complete.

Section 7 - Handling and Storage

HANDLING

User Exposure: Do not breathe vapor. Avoid contact with eyes,

skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed.

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

Mechanical exhaust required. Safety shower and eye bath.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance Physical State: Liquid

Property Value At Temperature or Pressure

Molecular Weight 671.1 AMU

pH N/A

BP/BP Range 178 ░C 760 mmHg

MP/MP Range -52 ░C

Freezing Point N/A

Vapor Pressure 1.3 mmHg 25 ░C

Vapor Density 23.3 g/l

Saturated Vapor Conc. N/A

SG/Density 1.89 g/cm3

Bulk Density N/A

Odor Threshold N/A

Volatile% N/A

VOC Content N/A

Water Content N/A

Solvent Content N/A

Evaporation Rate N/A

Viscosity N/A

Surface Tension N/A

Partition Coefficient N/A

Decomposition Temp. N/A

Flash Point N/A

Explosion Limits N/A

Flammability N/A

Autoignition Temp N/A

Refractive Index 1.3

Optical Rotation N/A

Miscellaneous Data N/A

Solubility N/A

N/A = not available

Section 10 - Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Finely powdered metals, Alkali metals.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide,

Nitrogen oxides, Hydrogen fluoride, May also form

perfluoroisobutylene.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated.

TOXICITY DATA

Oral

Rat

> 10000 mg/kg

LD50

Intravenous

Mouse

12 GM/KG

LD50

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose

of this material. Dissolve or mix the material with a combustible

solvent and burn in a chemical incinerator equipped with an

afterburner and scrubber. Observe all federal, state, and local

environmental regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is

considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air

transport.

Section 15 - Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xi

Indication of Danger: Irritant.

R: 36/37/38

Risk Statements: Irritating to eyes, respiratory system and skin.

S: 26 36

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice. Wear

suitable protective clothing.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .03 mg/m3

DOE Short Term Exposure Limit .075 mg/m3

DOE Ceiling Limit .6 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3AMINOMETHYL PROPANOL

The information presented in the OPMSDS is intended as a synopsis of relative hazard characteristics for this chemical, for application within the UMass-Boston Chem/XL Laboratory Program. This information is derived from a wide range of sources documented in that program. While these sources are considered credible, the user is cautioned that the university cannot guarantee the accuracy nor accept responsibility for damages which may arise from errors, omissions, or the use of this information in any context other than intended. The user is strongly encouraged to seek additional information whenever feasible.