

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: JB4 and JB4 Plus Solution B.
Catalogue Number: C612 and C617.
Other Names: N,N-Dimethylaniline [Benzenamine, N,Ndimethyl]
Recommended Use: Accelerator.

Supplier Name: ProSciTech
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Hazardous and/or Dangerous Nature: HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases: R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R33 Danger of cumulative effects.
R51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
Safety Phrases: S1/2 Keep locked up and out of reach of children. *
S28 After contact with skin, wash immediately with plenty of water.
S36/37 Wear suitable protective clothing and gloves.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** N,N-Dimethylaniline
Common Name(s): Benzenamine, N,Ndimethyl
CAS Number(s): 121-69-7

MIXTURE: Product is a mixture.

Ingredients	Cas Number(s)	Proportion (%)
N,N-Dimethylaniline	121-69-7	

SECTION 4 - FIRST AID MEASURES

Swallowed: Get prompt medical treatment. Seek medical treatment if discomfort persists.
Eye: Flush eyes with plenty of water for at least 15minutes. Seek medical aid.
Skin: Wash affected area with plenty of water remove any contaminated clothing, if irritation persists seek medical aid. Wash contaminated clothes before reusing.
Inhaled: Remove person to fresh air. Give oxygen or artificial respiration as needed.
First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Water, carbon dioxide, dry chemical powder, foam.
Hazards from Combustion Products:
Carbon monoxide, carbon dioxide, oxides of nitrogen.
Precautions for Fire Fighters:
COMBUSTIBLE LIQUID. Do not put water directly on a fire of this product. Use the water to cool fire, heat containers. Firefighters must wear self-contained breathing apparatus and fully protective equipment.
Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

DO NOT ALLOW THE SPILL TO ENTER DRAINS.

Containment and clean up:

Absorb spill on sand or vermiculite. Scoop up and hold in a closed container for disposal. Wear a self-contained breathing apparatus, rubber gloves and rubber boots.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Avoid contact with skin and eyes. Do not inhale. Wash thoroughly after handling.

Conditions for Safe Storage:

Store material at 4°C. Keep storage container tightly closed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: TWA 5ppm, TWA 25mg/m³
STEL 10ppm, STEL 5mg/m³

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Mechanical ventilation recommended. Safety shower and eye bath.

Personal Protective Equipment:

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety goggles.

RESPIRATORY PROTECTION: OSHA/MHSA approved respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear, viscous liquid.

Odour: Mild odour.

pH: Not available.

Vapour pressure (mm of Hg at 25°C): Not available.

Vapour density: Not available.

Boiling point/range (°C): Not available.

Freezing/melting point (°C): Not available.

Solubility: Not available.

Specific gravity or density: Not available.

Flash Point: Not available.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Heat and open flames, contact with incompatible materials.

Incompatible Materials: Heat, oxidizing agents, acids and acid chlorides.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen.

Hazardous Reactions:

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects: **N,N-Dimethylaniline is HIGHLY TOXIC, IRRITANT.**

Ingestion:

Absorption into the body can lead to the formation of methemoglobin and possible cyanosis. Exposure can cause damage to the eyes, nausea, dizziness, headache, fatigue, increased pulse, and fast labored breathing, cardiac arrest, convulsions, coma and death. Symptoms of cyanosis are blue coloration of the lips, nail-beds and eyelids.

Inhalation:

Absorption into the body can lead to the formation of methemoglobin and possible cyanosis. Exposure can cause damage to the eyes, nausea, dizziness, headache, fatigue, increased pulse, and fast labored breathing, cardiac arrest, convulsions, coma and death. Symptoms of cyanosis are blue coloration of the lips, nail-beds and eyelids.

Skin Contact:

Absorption into the body can lead to the formation of methemoglobin and possible cyanosis. Exposure can cause damage to the eyes, nausea, dizziness, headache, fatigue, increased pulse, and fast labored breathing, cardiac arrest, convulsions, coma and death. Symptoms of cyanosis are blue coloration of the lips, nail-beds and eyelids.

Eye Contact:

Absorption into the body can lead to the formation of methemoglobin and possible cyanosis. Exposure can cause damage to the eyes, nausea, dizziness, headache, fatigue, increased pulse, and fast labored breathing, cardiac arrest, convulsions, coma and death. Symptoms of cyanosis are blue coloration of the lips, nail-beds and eyelids.

Human/Animal data: Not available.

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION
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Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Mix waste with a combustible carrier and burn in a suitably equipped chemical incinerator. Disposal must comply with Federal, State and local regulations.

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.

UN Proper Shipping Name: Not regulated.

Class and Subsidiary risk: Not regulated.

Packing Group: Not regulated.

Special Precautions for User: Not available.

Hazchem Code: Not available.

SECTION 15 - REGULATORY INFORMATION
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Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: November 09

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.