

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Benzil. Catalogue # C030.
Other Names:
Recommended Use: An accelerator for acrylics.

Supplier Name: ProSciTech
Postal Address: PO Box 111, Thuringowa Central Qld. 4817 Australia
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.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Benzil.
Common Name(s):
CAS Number(s): 134-81-6

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Benzil	134-81-6	

SECTION 4 - FIRST AID MEASURES

Swallowed: If person is conscious wash out mouth with water and seek immediate medical attention.
Eye: Flush eyes with plenty of water, for at least 15 minutes. Seek medical attention.
Skin: Immediately wash skin with soap and plenty of water. Wash contaminated clothing before re-use. Seek medical attention.
Inhaled: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek immediate medical attention.
First Aid Facilities: Safety shower and eye bath.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, carbon dioxide, dry chemical powder, alcohol or powder foam.
Hazards from Combustion Products: Toxic fumes of carbon monoxide and carbon dioxide.
Precautions for Fire Fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Emergency Procedures:****Containment and clean up:**

Wear a respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place into a bag and hold for disposal. Avoid raising dust. Ventilate the area and flush the spill site with plenty of water.

SECTION 7 - HANDLING & STORAGE**Precautions for Safe Handling:**

Use in a well-ventilated area. Wash hands thoroughly after handling.

Conditions for Safe Storage:

Store in a cool, dry place. Keep container tightly closed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**National Exposure Standards:**

No exposure standard allocated.

Biological Limit Values:

No biological limit allocated.

Engineering Controls:

Use in a well-ventilated area.

Personal Protective Equipment:

Wear chemical safety goggles, rubber gloves, NIOSH/MSHA approved respirator (if necessary) and protective clothing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**Appearance:**

Yellow crystalline powder.

Odour:

Not available.

pH:

Not available.

Vapour pressure:

1mm of Hg at 128.4°C.

Vapour density:

Not available.

Boiling point/range:

Not available.

Freezing/melting point:

MP 94-95°C.

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 storage and handling conditions.

Conditions to avoid:

Incompatible materials.

Incompatible Materials:

Strong oxidising agents.

Hazardous Decomposition

Carbon monoxide and carbon dioxide.

Products:**Hazardous Reactions:****SECTION 11 - TOXICOLOGICAL INFORMATION****Acute and chronic health effects:****Possible routes of exposure:**

Inhalation, ingestion, skin and eye contact.

Range of effects following exposure:

May be harmful if inhaled and/or swallowed. Causes irritation to skin and eyes.

Dose likely to cause injury:**Delayed effects:****Relevant negative data:****SECTION 12 – ECOLOGICAL INFORMATION****Ecotoxicity:****Persistence and degradability:****Mobility:****Additional Information:**

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: 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 regulations.

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number:
UN Proper Shipping Name:
Class and Subsidiary risk:
Packing Group:
Special Precautions for User:
Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 23 May 2008
