

## p –DIMETHYLAMINO BENZALDEHYDE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** p –DIMETHYLAMINO BENZALDEHYDE

**Product Code:** 596

**CAS#:** 100-10-7.

**C.I. #:** Not Available.

**Synonym:** Not Available

**Chemical Name:** Not Available

**Chemical Formula:** C<sub>9</sub>H<sub>11</sub>NO

**Formula Weight:** 149.19

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Name:** p –DIMETHYLAMINO BENZALDEHYDE

**Toxicological Data on Ingredients:**

**Classification according to regulation (EC) No. 1272/2008**

Specific target organ toxicity - single exposure (Category 3), H335, H336

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Hazardous in case of eye contact (irritant), of ingestion. Slightly hazardous in case of skincontact (irritant), of inhalation.

**Potential Chronic Health Effects:** Hazardous in case of ingestion, of Inhalation. Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant)

**CARCINOGENIC EFFECTS:** Not Available.

**MUTAGENIC EFFECTS:** Not available

**TERATOGENIC EFFECTS:** Not Available.

**DEVELOPMENTAL TOXICITY:** Not available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not Available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** Non – flammable

**Auto-Ignition Temperature:** Not Applicable



**Flash Points:** Not Applicable

**Flammable Limits:** Not Applicable

**Products of Combustion:** Not Applicable

**Fire Hazards in Presence of Various Substances:** Not Applicable

**Explosion Hazards in Presence of Various Substances:** Not Available

**Risks of explosion of the product in presence of mechanical impact:** Not Available.

**Risks of explosion of the product in presence of static discharge:** Not available

**Fire Fighting Media and Instructions:**

**Small fire:** Not Applicable

**Large fire:** Not Applicable

**Special Remarks on Fire Hazards:** Not Applicable

**Special Remarks on Explosion Hazards:** Not Available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:**

Use appropriate tools to put the spilled material in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuate through the sanitary system.

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Do not breathe dust/fumes. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:**

Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not Available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical state and appearance Form** : Clear, liquid.

**Odour** : Not Available

**Taste** : Bitter



<b>Molecular Weight</b>	: 354.38.
<b>Colour</b>	: Yellow
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: See solubility in water
<b>Solubility</b>	: Partially soluble in cold water and methanol

### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is chemically stable under standard ambient conditions.

**Instability Temperature:** Not available.

**Conditions of Instability:** Moisture.

**Incompatibility with various substances:** Aluminum.

**Corrosivity:** Non corrosive in presence of glass.

**Special Remarks on Reactivity:** Absorb moisture form air.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Not Occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:**

**LD<sub>50</sub>:** Not Available.

**LC<sub>50</sub>:** Not Available.

**Chronic Effects on Humans:** Not Available.

**Other Toxic Effects on Humans:** Not Available.

**Special Remarks on Toxicity to Animals:** Not Available.

**Special Remarks on Chronic Effects on Humans:** Not Available.

**Special Remarks on other Toxic Effects on Humans:** Not Available

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**BOD and COD:** Not Available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not Available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION



**UN number:**

ADR/RID: 2920                      IMDG: 2920                      IATA: 2920

**UN proper shipping name:**

ADR/RID: CORROSIVE LIQUID, FLAMMABLE, N.O.S. (n-Butanol, Hydrochloric acid)

IMDG: CORROSIVE LIQUID, FLAMMABLE, N.O.S. (n-Butanol, Hydrochloric acid)

IATA: Corrosive liquid, flammable, n.o.s. (n-Butanol, Hydrochloric acid)

**Transport hazard class(es):**

ADR/RID: 8 (3)                      IMDG: 8 (3)                      IATA: 8 (3)

ADR/RID: no                      IMDG Marine pollutant: no                      IATA: no

**Special Provisions for Transport:** Not applicable

**SECTION 15: OTHER REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

**Chemical safety assessment:** Not applicable

**SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements.**

H335– May cause respiratory irritation.

H336- May cause drowsiness or dizziness

**Other Special Considerations:** Not Available

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

