



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Nitroform (38-00-00)

**CODE:** 5141401  
5141441  
5143181

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:**  
**Chemical Name:** Ureaform.  
**Synonyms:** Urea Formaldehyde  
**Chemical Family:**  
**Product Use:** Fertilizer  
**TDG Classification:** Not Regulated.  
**Emergency #** 1-905-572-5678 (CAN)  
**Non Emergency #** 1-888-370-1874 (USA)

### SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
None				

### SECTION 3 - PHYSICAL DATA

**Physical State:** Solid  
**Specific Gravity:** Not Determined  
**Boiling Point:** Not Determined  
**% Volatiles:** Not Determined  
**Solubility in Water:** Moderate

**Appearance/Odour:** Blue or gray granules\ no odor  
**pH:** Not Determined  
**Freezing/Melting Point:** Not Determined  
**Vapour Density:** Not Determined  
**Evaporation Rate:** Not Determined

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable  
**Lower Explosion Limit %:** Not Determined  
**Fire Extinguishing Media:** Water.

**Autoignition Temperature:** Not Determined  
**Upper Explosion Limit %:** Not Determined

**Fire Fighting Procedures:** Do not breath fumes. Firefighters should wear NIOSH approved positive pressure, self contained breathing apparatus. Prevent runoff from entering drains, sewers or any body of water. Fertilizer will become slippery when wet; guard against falls. Remove product from area of fire at first opportunity.

**Other Fire or Explosion Hazards:** Do not breath fumes. If heated do decomposition, product will give off fumes of ammonia or formaldehyde. Fine dust dispersion in air may form an explosive mixture.

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Excessive heat; absorbs moisture above 60% relative humidity.

**Incompatibility (Materials to Avoid):** Moderately corrosive to metals when wet.

**Hazardous Decomposition Products:** If heated to decomposition, will give off toxic fumes of ammonia and formaldehyde.

#### SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May be a mild skin irritant. Ingestion may cause gastrointestinal tract disorders, nausea, diarrhea, or vomiting.

**Effects of Chronic Exposure:** None Known.

**Medical Conditions Aggravated by Exposure:** Possible skin irritation for sensitive individuals. Asthmatics exposed to excessive dust may have difficulty breathing.

#### SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Remove to fresh air.

**Skin Contact:** wash affected area promptly with soap and water. If irritation develops contact a physician.

**Ingestion:** If patient is conscious, give 2 to 4 glasses of water to drink and induce vomiting by touching back of throat with finger. Consult a physician. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

**Eye Contact:** Flush promptly with plenty of water for at least 15 minutes. If irritation develops contact a physician.

**Note to Physicians:** No specific antidote (product may be a mild skin or eye irritant). Supportive care and symptomatic treatment may be given.

#### SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** In confined spaces use a dust mask.

**Eye Protection:** Eye Goggles.

**Skin Protection:** Impervious gloves.

**Other Personal Protective Equipment:**

**Engineering Controls:** Adequate ventilation.

**Storage Requirements:** Store in a cool, dry area out of reach of children and animals. Do not store where temperatures will exceed 270 F.

**Storage Temperature:** Do not store where temperatures will exceed 270 F.

#### SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Wear proper protective equipment. Sweep, vacuum or shovel material into labelled container with minimum generation of dust for reuse or disposal. Prevent large quantities from contacting vegetation.

**Waste Disposal:** Dispose of empty packaging in garbage. Dispose of waste material in accordance with local, provincial, or federal government regulations.

**Environmental Effects:**

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**Prepared by:** Technical Department

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