

Material Safety Data Sheet

Effective Date: 09-NOV-2009  
Product: CORON 28-0-0

I. IDENTIFICATION

Chemical Name: AMINO MODIFIED METHYLENE UREA SOLUTION.  
Chemical Family: INORGANIC CONTROLLED RELEASE NITROGEN.  
Formula: NOT APPLICABLE, FORMULATED MIXTURE.  
Synonyms: CRN, CONTROLLED RELEASE NITROGEN.  
CAS Number: SEE INGREDIENT STATEMENT, SECTION III.  
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: 102 DEGREES C.  
Freezing Point: <-15 DEGREES F.  
Spec Gravity: 1.273 GMS/CC.  
Vapor Pressure: 50 MM/HG @ 21C  
Vapor Density: NOT APPLICABLE  
Solubility: INFINITE  
Volatiles: 40%  
Evaporation: 0.3  
Melting Point: NOT APPLICABLE  
Appearance: CLEAR GREEN LIQUID, SLIGHTLY MUSTY ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF PLANT NUTRIENTS DERIVED FROM UREA, METHYLENE DIUREA AND METHYLENE UREAS.		100.00	15 MG/M3	SKIN & EYE IRRITANT

TYPICAL COMPOSITION:  
Total Nitrogen (N): 28.00%  
8.4% Urea Nitrogen  
19.6% Water Soluble Nitrogen

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NON-COMBUSTIBLE  
Autoignition Temp: NON-COMBUSTIBLE  
Flammable Limit: NOT APPLICABLE  
Extinguishing Media: NON-COMBUSTIBLE LIQUID, USE EXTINGUISHING MEDIA FOR UNDERLYING CAUSE OF FIRE.  
Special Fire Fight Proc: USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WITH FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS

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COOL.  
Fire and Expl Hazard: DECOMPOSES ON HEATING TO NITROGEN OXIDES.  
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V. HEALTH HAZARD  
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Carcinogen Information: NOT LISTED BY NTP, IARC OR OSHA

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: PRODUCT NOT TESTED FOR ACUTE TOXICITY. HOWEVER,  
THE INDIVIDUAL COMPONENTS COMPRISING THE  
PRODUCT ARE NOT CONSIDERED ACUTELY TOXIC.  
Skin Absorption: NO TOXIC EFFECTS DUE TO SKIN ABSORPTION BASED  
ON CURRENTLY KNOWN INFORMATION.  
Inhalation: INHALATION OF PRODUCT SOLUTION OR MIST MAY  
IRRITATE THE RESPIRATORY TRACT.  
Skin contact: SKIN IRRITATION IS POSSIBLE FROM PROLONGED OR  
REPEATED CONTACT.  
Eye Contact: CONTACT WITH EYES BY PRODUCT SOLUTION OR MIST  
WILL CAUSE IRRITATION OR BURNING SENSATION.  
Chronic Effects: NONE CURRENTLY KNOWN.  
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: DRINK LARGE VOLUMES OF WATER AND INDUCE  
VOMITING BY PLACING FINGER AT BACK OF THROAT.  
CALL A PHYSICIAN OR POISON CONTROL CENTER.  
Skin: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP  
AND WATER. CONSULT A PHYSICIAN IF IRRITATION  
DEVELOPS.  
Inhalation: MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF  
IRRITATION DEVELOPS.  
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING  
EYELIDS OPEN. OBTAIN MEDICAL ATTENTION IF  
IRRITATION DEVELOPS.  
Notes to Physician: THERE IS NO SPECIFIC ANTIDOTE FOR THIS  
MATERIAL. TREATMENT OF OVEREXPOSURE SHOULD BE  
DIRECTED AT THE CONTROL OF SYMPTOMS AND THE  
CLINICAL CONDITION OF THE PATIENT.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: TEMPERATURES OF 125 DEGREES F. OR GREATER ACID  
CONTAMINATION.

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Polymerization: Will Not Occur  
Conditions to Avoid: TEMPERATURES OF 125 DEGREES F. OR GREATER ACID  
CONTAMINATION.  
Incompatibility material: AVOID MIXING OR INTIMATE CONTACT WITH STRONGLY  
ACIDIC MATERIALS.  
Hazardous Combustion: THERMAL DECOMPOSITION FROM EXCESSIVE HEAT (SUCH  
AS FIRE) MAY RELEASE AMMONIA AND CARBON DIOXIDE.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: CONTAIN AND MOP UP OR PUMP UP SPILLED MATERIAL  
INTO METAL OR PLASTIC DRUMS. IF UNCONTAMINATED,  
REUSE AS PRODUCT. IF CONTAMINATED, PLACE  
MATERIAL IN A PLASTIC RECOVERY DRUM FOR PROPER  
DISPOSAL.  
Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO  
FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE  
RESOURCE CONSERVATION AND RECOVERY ACT.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: IF MIST CONCENTRATIONS EXCEED RECOMMENDED  
PERMISSIBLE EXPOSURE LIMITS, USE NIOSH-APPROVED  
RESPIRATOR.  
Ventilation: LOCAL EXHAUST NORMALLY SUFFICIENT.  
Gloves: IMPERVIOUS  
Eyes: CHEMICAL WORKERS GOGGLES.  
Other: EYE WASH STATION, IMPERVIOUS APRON AND  
FOOTWEAR.

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IX. SPECIAL PRECAUTIONS  
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Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE  
WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED  
OR CONSUMED BY HUMANS OR ANIMALS. DO NOT  
CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR  
PONDS. PROTECT AGAINST PHYSICAL DAMAGE. STORE  
IN COOL, DRY PLACE. SEPARATE FROM COMBUSTIBLE,  
ORGANIC OR OTHER READILY OXIDIZABLE MATERIALS.  
AVOID STORAGE ON WOOD FLOORS. IMMEDIATELY  
REMOVE AND DISPOSE OF ANY SPILLED MATERIAL. MAY  
PROMOTE EUTROPHICATION IN WATERWAYS IF LARGE  
SPILL OCCURS.  
Other precaution: NONE.

