

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** Award 46-0-0 Urea

**SECTION I**

MANUFACTURER'S NAME: EAU CLAIRE COOPERATIVE P.O. BOX 837 EAU CLAIRE, WI 54702	EMERGENCY TELEPHONE NUMBER CALL DAY OR NIGHT 1-800-424-9300 TELEPHONE NUMBER FOR INFORMATION: (715)-876-6422
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**SECTION II CHEMICAL INGREDIENTS / IDENTITY INFORMATION**

CHEMICAL COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS	CAS #	%
Urea	15mg/M <sup>3</sup>	10mg/M <sup>3</sup>		57-13-6	100.00

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

BOILING POINT	NA	SPECIFIC GRAVITY	>1
VAPOR PRESSURE	NA	MELTING POINT	132.7 <sup>0</sup> C
VAPOR DENSITY	NA	EVAPORATION RATE	NA
SOLUBILITY IN WATER	Soluble	APPEARANCE AND ODOR	Granular & mixed color

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): NA

EXTINGUISHING MEDIA: FOAM & WATER

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus, to protect against the decomposition products of Urea and Sulfur Coated Urea which can be toxic.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid breathing vapors or dust.

**SECTION V REACTIVITY DATA**

STABLE	X	CONDITIONS TO AVOID	Decomposes when heated above melting point
UNSTABLE		CONDITIONS TO AVOID	

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid Contact with Strong Acids, Mildly Corrosive to Metals in Presence of Moisture

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NDA

**HAZARDOUS POLYMERIZATION:**

MAY OCCUR		CONDITIONS TO AVOID	
WILL NOT OCCUR	X	CONDITIONS TO AVOID	NA

**SECTION VI HEALTH HAZARD DATA**

ROUTES OF ENTRY: Inhalation, Eyes, Skin, and Ingestion

**HEALTH HAZARDS:**

SIGNS AND SYMPTOMS OF EXPOSURE: EYES: Dust and vapors can cause irritation and pain. SKIN: Can cause irritation. INHALATION: Dust can cause sore throat, coughing, and shortness of breath. INGESTION: Can cause sore throat and abdominal pain.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NDA

EMERGENCY AND FIRST AID PROCEDURES: EYES & INGESTION: Flush immediately with plenty of water, seek medical attention if necessary. SKIN: Remove contaminated clothing immediately and flush contaminated area with water. INHALATION: Move to fresh air and rest. Seek medical attention if necessary.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and reuse as product.

WASTE DISPOSAL METHOD: Sanitary Landfill. Dispose in compliance with local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in dry location, remote from acids.