

MATERIAL SAFETY DATA SHEET  
("ESSENTIALLY SIMILAR" TO FORM OSH-20)

January 1, 2010

SECTION I PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Super Crop 46-0-0 Urea  
CHEMICAL FAMILY: MIXED FERTILIZER  
DOT SHIPPING NAME: MIXED FERTILIZER  
MANUFACTURER: AMERICAN PRIDE COOP  
P.O. BOX 98  
HENDERSON, CO. 80640

IDENTIFICATION NO  
HAZARD CLASS: NA  
CHEMICAL FORMULA: MIXTURE  
PHONE: (303) 659-3643  
EMERGENCY: (303) 659-3643

SECTION II HAZARDOUS COMPONENTS OF MIXTURES

INGREDIENTS	CAS#	% BY WT.	THRESHOLD LIMIT VALUE
Urea	57-12-6	0-1000%	

SECTION III TYPICAL PHYSICAL DATA

BOILING POINT (F): N.A  
VAPOR PRESSURE: NA  
EVAPORATION RATE: (\_\_\_\_-1) NA  
PERCENT VOLATILE BY VOLUME: NA  
APPEARANCE AND ODOR: White prilled material. No odor.

SOLUBILITY IN WATER: Appreciable  
VAPOR DENSITY (AIR-1): NA  
SPECIFIC GRAVITY (H<sub>2</sub>O-1) : >1

SECTION IV-FIRE AND EXPLOSION- HAZARD DATA

FLASH POINT (METHOD): NA  
FIRE EXTINGUISHING MEDIA: Use water in flooding quantities. Do not use steam, carbon dioxide, foam or dry chemicals.  
SPECIAL FIRE FIGHTING PROCEDURES: Use water fog or spray to cool exposed containers. Goggles and self-contained breathing apparatus should be worn.  
UNUSUAL FIRE AND EXPLOSION HAZARD: Toxic and irritating gases may be produced by fire or when heated. Increases the intensity of the fire when in contact with combustible material. Containers may explode in fire.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None Established  
EFFECTS OF OVER EXPOSURE:  
EYES: Slight to moderate irritancy. SKIN: Slight irritancy.  
INHALATION: Dust may cause some slight irritation to the upper respiratory tract.  
INGESTION: May cause gastro – intestinal upset.  
EMERGENCY AND FIRST AID PROCEDURES:  
SKIN: Wash with soap and water. INHALATION: Remove from exposure.  
EYES: Immediately flush eye with running water for at least 15 minutes. If irritation develops seek medical attention.  
INGESTION: Dilute with 2 glasses of water and induce vomiting. If symptoms develop, seek medical attention.

SECTION VI – REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY (MATERIALS TO AVOID FOR PURPOSES OF TRANSPORT, HANDLING AND STORAGE): Corrodes metals  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen when heated.  
HAZARDOUS POLYMERIZATION: Will Not Occur

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## SECTION VII – SPILL OR LEAK PROCEDURES

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### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Stop discharge if possible. Keep people away. Wear protective clothing. Refer to Section VIII and contact appropriate safety personnel for respirator requirements. Avoid excessive contact with the solid and dust. Keep out of water sources and sewer. Carefully sweep up and place in appropriate containers. Clean dry material may be reclaimed for use.

WASTE DISPOSAL (INSURE CONFORMITY WITH ALL APPLICABLE DISPOSAL REGULATIONS): Place in an approved landfill.

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## SECTION VIII – PERSONAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION: NIOSH approved equipment per requirements of 29 CFR Part 1910.134 (OSHA)

VENTILATION: (Local and Mechanical)

LOCAL EXHAUST: Recommended

PROTECTIVE GLOVES: Rubber; Leather

RESPIRATORY: Dust Mask

MECHANICAL (GENERAL): Recommended

EYE PROTECTION: Chemical goggles or Safety glasses

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## SECTION IX – HANDLING AND STORAGE PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool, dry, well ventilated area.

OTHER PRECAUTIONS: Avoid excessive eye and skin contact.