

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

January 1, 1999

SECTION I PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SUPER CROP 18-46-0
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:
PHONE: (303) 659-3643
EMERGENCY: (303) 659-3643

SECTION II HAZARDOUS COMPONENTS OF MIXTURES

INGREDIENTS	CAS#	% BY WT.	THRESHOLD LIMIT VALUE
Muriate of Potash	7747-40-7	0%	
Diammonium Phosphate	7783-28-0	0-100%	
Urea	57-13-6	0%	
Monohydrate Ferrous Sulfate	7720-78-7	0%	
Sulfur Coated Urea	7704-34-9	0%	
Ammonium Sulfate	7783-20-2	0%	

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: Green, Brown or Black granular material. No odor.

SOLUBILITY IN WATER: Appreciable
VAPOR DENSITY (AIR-1): NA
SPECIFIC GRAVITY (H₂O-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:

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION VII – SPILL OR LEAK PROCEDURES

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.

SECTION VIII – PERSONAL PROTECTION INFORMATION

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

VENTILATION:

LOCAL EXHAUST: Recommended

PROTECTIVE GLOVES: Rubber; Leather

RESPIRATORY:

MECHANICAL (GENERAL): Recommended

EYE PROTECTION: Chemical goggles or Safety glasses

SECTION IX – HANDLING AND STORAGE PRECAUTIONS

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

OTHER PRECAUTIONS: Avoid excessive eye and skin contact.