



# MATERIAL SAFETY DATA SHEET

PO Box 16458, Fresno CA 93755

**PRODUCT/TRADE NAME:**  
**PRO-BALANCE 20-20-20**

## I. NAME

PRODUCT/TRADE NAME: PRO-BALANCE 20-20-20  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/Common Name:  
Potassium Nitrate/Potassium Nitrate  
Ammonium Phosphate/Ammonium Phosphate  
Urea/Urea  
Monopotassium Phosphate/Monopotassium Phosphate

## II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Urea	57-13-6	NE	NE
Ammonium Phosphate	10124-31-9	NE	NE
Potassium Nitrate	7757-79-1	NE	NE
Monopotassium Phosphate	7778-77-0	NE	NE

## III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): NE  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NE  
% VOLATILES BY VOL.: NA  
ODOR: None  
APPEARANCE: Bluish Granules  
FLASH POINT/METHOD: NA  
VAPOR PRESSURE (mmHg): NA  
SOLUBILITY IN H2O: Soluble

## IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO2  Dry Chemical  Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS:  
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

## V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

## VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Bases, acids, oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: COx, Cl

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Sweep or vacuum into disposal container.  
DECONTAMINATION: Treat spill area with detergent and water. Repeat as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, state and local regulations.

## VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD50 (guinea pig) 2500 mg/kg (RTECS\*). Do not ingest. Wash thoroughly before eating, drinking or smoking.  
INHALATION: No PEL/TLV established for this product. May be irritating to the respiratory tract. Wear proper respiratory protection for the exposures encountered.  
SKIN ABSORPTION: Can cause minor skin irritation. Wear proper personal protective equipment to reduce skin exposure.  
EYE EXPOSURE: May cause minor eye irritation. If exposed, flush eyes a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.  
EFFECTS OF OVEREXPOSURE: Large doses can cause GI tract irritation, diarrhea, weakness, circulatory problems and blood pres-

sure changes. Chronic exposure can cause pneumoconiosis. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate a minimum of 15 minutes with water. For inhalation, remove victim to fresh air, and administer CPR if necessary.

## IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA - approved respiratory protection for nuisance particulates up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures above the nuisance particulate PEL/TLV.  
PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.  
VENTILATION: General ventilation to control nuisance dust.

## X. SPECIAL PRECAUTIONS

Keep out of the reach of children.  
Read and follow all label instructions.  
Moist material may be corrosive to carbon steel

## XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None  
SARA 313:  Yes  No Chemical:  
SARA 302:  Yes  No Chemical:  
TPQ:  
CERCLA:  Yes  No Chemical:  
RQ:  
RCRA:  Yes  No  
NFPA Hazard Rating: NFPA HAZARD RATING SCALE:  
Health: [1] 0 = Minimal 3 = Serious  
Fire: [1] 1 = Slight 4 = Severe  
Reactivity: [0] 2 = Moderate  
Special: [ ]  
HMIS Codes: HMIS HAZARD RATING SCALE:  
Health: [1] 0 = Minimal 3 = Serious  
Fire: [1] 1 = Slight 4 = Severe  
Reactivity: [0] 2 = Moderate

DATE PREPARED: December 23, 1997  
REVISED DATE: November 11, 2004

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**



PO BOX 16458 • FRESNO CA 93755