



ATLANTA WAREHOUSE
3939 Royal Drive, Ste 224 and 226
Kennesaw, GA 30144

UTAH WAREHOUSE
647 West Billinis Road, Unit 1
Salt Lake City, Utah 84119

SAFETY DATA SHEET

EFFECTIVE: May 4, 2015

ORIGINAL: May 4, 2015

This Safety Data Sheet confirms to the format requirements of the Global Harmonizing System and complies with Hazard Communication Standard (HCS) of 29 CFR 1910.1200.

SECTION 1: IDENTIFICATION

CHEMWORLD.COM
3939 ROYAL DRIVE,
STE 224 AND 226, KENNESAW, GA 30144
PHONE: (800) 658-7716, FAX: (877) 209-1556

PRODUCT IDENTITY: ChemWorld 811
COMMON NAME OR SYNONYMS: POTASSIUM PHOSPHATE DIBASIC, DKP, DIPOTASSIUM
HYDROGEN PHOSPHATE
PRODUCT USE: SEQUESTRANT, BUFFER, YEAST FOOD, AND EMULSIFYING
SALT
24 Hour Emergency Phone: **CHEMTREC 800-255-3924**

SECTION 2: HAZARD(S) IDENTIFICATION

WARNING! Irritant (skin and eye)

HAZARD STATEMENTS:

(H300s) HEALTH: Skin Corrosion/Irritation: Category 3

H316 CAUSES MILD SKIN IRRITATION

(H300s) HEALTH: Serious Eye Damage/Eye Irritation: Category 2B

H320 CAUSES EYE IRRITATION

(H300s) HEALTH: Acute Toxicity/Oral: Category 5

H303 MAY BE HARMFUL IF SWALLOWED

PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P264 Wash exposed skin thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

Reference: GHS Purple Book-Annex 3

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	WT%
DIPOTASSIUM PHOSPHATE	7758-11-4	20 to 30
WATER	7732-1-5	70 to 80

SECTION 4: FIRST-AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT- FLUSH EYE WITH WATER 15 MINUTES OR LONGER

SKIN CONTACT- RINSE CONTACTED AREA WELL WITH WATER

INHALATION - NA

IF SWALLOWED- RINSE (DO NOT SWALLOW) MOUTH WITH PLENTY OF WATER, CONTACT POISON CENTER FOR ADVICE/ASSISTANCE IF UNWELL

SECTION 5: FIRE-FIGHTING MEASURES

FIRE & EXPLOSION PREVENTION MEASURES: NON-FLAMMABLE LIQUID

SUITABLE EXTINGUISHING MEDIA: EXTINGUISHING AGENTS APPROPRIATE FOR SURROUNDING FIRE

NON-SUITABLE EXTINGUISHING MEDIA: NONE KNOWN

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS: FIREFIGHTERS SHOULD WEAR PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS FOR FIGHTING SURROUNDING FIRE

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF PHOSPHOROUS, OXIDES OF POTASSIUM

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: EQUIPMENT SHOULD BE ADEQUATE TO PREVENT SKIN & EYE CONTACT.

EMERGENCY PROCEDURES: EVACUATION NOT REQUIRED; WATERPROOF CLOTHING RECOMMENDED IF LARGE SPILL—BOOTS

METHODS AND MATERIALS FOR CONTAINMENT: USE STANDARD CONTAINMENT SOCKS, PADS & PILLOWS FOR CONTAINMENT; NO KNOWN RESTRICTION ON MATERIAL FOR SHORT-TERM DRAIN COVERS

CLEANUP PROCEDURES: ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH; MIX AND SCOOP UP SLURRY AND PLACE IN SUITABLE WASTE DISPOSAL CONTAINER, WASH RESIDUAL WITH WATER. CONTAINERS SHOULD BE TRANSPORTED AND DISPOSED OF ACCORDING TO LOCAL AND REGIONAL AUTHORITIES.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: USE NORMAL SAFETY PROCEDURES AVOIDING DIRECT CONTACT WITH EYES AND SKIN. USE GOOD PERSONAL HYGIENE AND GOOD HOUSE KEEPING PROCEDURES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

DO NOT STORE WITH CORROSIVE TO ALUMINUM MATERIALS.
KEEP CONTAINERS SEALED WHEN NOT IN USE TO AVOID SPILLS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

MATERIAL	CAS #	EINECS #	TWA (OSHA)	TLV (ACGIH)
Dipotassium Phosphate	7758-11-4	-	None Known	None Known

APPROPRIATE ENGINEERING CONTROLS: USE IN ENCLOSED SYSTEM WHEN POSSIBLE, USE CORROSION RESISTANT STORAGE TANKS TRANSFER LINES.

RESPIRATORY EXPOSURE CONTROLS—USE NIOSH/OSHA APPROVED RESPIRATOR

VENTILATION LOCAL OR SPECIAL—LOCAL IS RECOMMENDED

INDIVIDUAL PROTECTION MEASURES SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION—OSHA STANDARD SAFETY GLASSES WITH SIDE SHIELDS & CHEMICAL GOGGLES IF CONTACT LIKELY

SKIN PROTECTION—PROTECTIVE GLOVES RECOMMENDED AND APRONS OR APPROPRIATE WORK CLOTHING & BOOTS IMPERVIOUS TO MATERIAL. PVC OR NITRILE RECOMMENDED.

HYGIENE MEASURES—PROVIDE READILY ACCESSIBLE EYE WASH AND SAFETY SHOWERS; WASH HANDS PRIOR TO EATING; DESTROY CONTAMINATED LEATHER WEAR AND LAUNDRY OR DESTROY CONTAMINATED CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE—CLEAR LIQUID

LOWER FLAMMABLE LIMIT—NOT APPLICABLE

UPPER FLAMMABLE LIMIT—NOT APPLICABLE

ODOR—MILD

ODOR THRESHOLD—NOT AVAILABLE

VAPOR PRESSURE (MMHG)—NOT AVAILABLE

VAPOR DENSITY (AIR=1)—0.1 mm Hg @ 20°C

pH/RANGE— 8.8 – 10.2 (1%)

RELATIVE DENSITY—1.530-1.560 @ 25°C

MELTING POINT—NONE APPLICABLE

FREEZE POINT—NOT AVAILABLE

SOLUBILITY—INFINITE

INITIAL BOILING POINT—223°F

FLASH POINT—NOT APPLICABLE

EVAPORATION RATE—NOT AVAILABLE

FLAMMABILITY—NOT APPLICABLE

PARTITION COEFFICIENT (N-OCTANOL/WATER)—NOT AVAILABLE

AUTO-IGNITION TEMPERATURE—NOT APPLICABLE

DECOMPOSITION TEMPERATURE—NOT AVAILABLE

VISCOSITY—NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY AND CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS; NO STABILIZERS REQUIRED

CONDITIONS TO AVOID: NONE

INCOMPATIBLE MATERIALS: CORROSIVE TO ALUMINUM

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE HAZARDS:

EYE & SKIN—MAY CAUSE IRRITATION TO SKIN.
MAY CAUSE IRRITATION TO EYES.

INHALATION—MAY CAUSE IRRITATION.

SWALLOWING—MAY CAUSE IRRITATION IF SWALLOWED. INGESTIONS OF LARGE QUANTITIES MAY CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED:

NONE KNOWN.

CHRONIC HAZARDS:

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS

THIS PRODUCT HAS NO CARCINOGENS LISTED BY IARC, NTP, NIOSH, OSHA OR ACGIH GREATER OR EQUAL TO 0.1%.

TARGET ORGANS—NO DATA AVAILABLE

IRRITANCY—NOT EXPECTED

SENSITIZATION—NO COMPONENT KNOWN AS SENSITIZER

MUTAGENICITY—NO KNOWN REPORTS OF MUTAGENIC EFFECTS IN HUMANS

EMBRYOTOXICITY—NO KNOWN REPORTS OF EMBRYOTOXIC EFFECTS IN HUMANS

TERATOGENICITY—NO KNOWN REPORTS OF TERATOGENIC EFFECTS IN HUMANS

REPRODUCTIVE TOXICITY—NO KNOWN REPORTS OF REPRODUCTIVE EFFECTS IN HUMANS

OTHER—POTASSIUM SALTS HAVE HYPOTHETICAL RISK OF HYPERKALEMIA WHICH MAY RESULT IN DEPolarIZATION OF CARDIAC MUSCLE AND SUBSEQUENT CHANGES IN MUSCLE EXCITABILITY. THIS MAY RESULT IN HYPOTENSION OR HYPERTENSION, CARDIAC DYSRHYTHMIAS, HEART BLOCK, AND CARDIAC ARREST.

MAMMALIAN TOXICITY INFORMATION:

LD50 (ORAL, RAT)—> 4810 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

EFFECTS OF MATERIAL ON PLANTS AND ANIMALS: NO DATA FOUND.

BIOCHEMICAL OXYGEN DEMAND (BOD)—UNKNOWN

CHEMICAL OXYGEN DEMAND (COD)—UNKNOWN

ECOTOXICITY—UNKNOWN

EFFECTS OF MATERIAL ON AQUATIC LIFE: NO DATA FOUND BUT THE PHOSPHATE FROM THIS MATERIAL MAY PERSIST INDEFINITELY OR INCORPORATE INTO BIOLOGICAL SYSTEMS IN NATURAL WATERS.

MOBILITY IN SOIL: NO DATA FOUND

DEGRADABILITY: NO SPECIFIC BIODEGRADATION TEST FOUND

ACCUMULATION: BIOACCUMULATION OF THIS PRODUCT HAS NOT BEEN DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE PRODUCT SHOULD NOT BE DISPOSED OF TO THE SEWER UNLESS FULLY COMPLIANT WITH ALL REGULATORY AUTHORITIES THAT HAVE JURISDICTION TO REGULATE DISPOSAL BY SUCH MEANS. UNUSED OR CONTAMINATED PRODUCT SHOULD BE DISPOSED OF IN ORIGINAL CONTAINER BY A WASTE DISPOSAL CONTRACTOR LICENSED TO HANDLE THIS PRODUCT. INSTRUCTIONS FOR RESPONSIBLE COLLECTION OF TOTES ARE DISPLAYED ON TOTES—THEY SHOULD BE IN “DRIP DRY” STATE FOR PICKUP. ALL OTHER CONTAINERS SHOULD BE COLLECTED BY AN AUTHORIZED RECYCLER IF POSSIBLE AND SHOULD BE IN A “DRIP DRY” STATE.

SECTION 14: TRANSPORT INFORMATION

DOT/TDG SHIP NAME: NOT REGULATED
DRUM/TOTE LABEL: NONE
SPECIAL PRECAUTIONS: NONE

SECTION 15: REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: NONE

All components of this product are on the TSCA list. This material contains no known products restricted under SARA Title III, Section 313 in amounts greater than or equal to 1%.

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

INTERNATIONAL REGULATIONS:

The identified components of this product are: listed (X), not listed (NL) or not determined (ND) on the chemical inventories of the following countries: Australia (AICS)-ND, Canada (DSL or NDSL)-X, China (IECSC)-X, Europe (EINECS or ELINCS)-X, Japan (METI/CSCL, MHLW/ISHL)-ND, South Korea (KECI)-ND, New Zealand (NZIoC)-X, Philippines (PICCS)-X, Switzerland (SWISS)-ND, Taiwan (NECSI)-ND, USA (TSCA)-X.

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

NOT LISTED

SECTION 16: OTHER INFORMATION

HAZARD RATINGS:

NFPA: HEALTH: 1, FLAMMABILITY: 0, INSTABILITY/ REACTIVITY: 0

HMIS: HEALTH: 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0

This information is intended solely for individuals trained in NFPA & HMIS hazard warning systems.

EMPLOYEE TRAINING:

EMPLOYEES SHOULD BE MADE AWARE OF ALL HAZARDS STATED IN THIS SDS.

Created by: Barry EC Williams; May 4, 2015

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