

## Safety Data Sheet

# UT-X PACKET B

## SECTION 1: IDENTIFICATION

### 1.1. PRODUCT IDENTIFIER

Trade name: UT-X Packet B  
Other means of identification: CAS No.: 7758-11-4

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses of the substance or mixture: Non-destructive testing  
Restricted to professional users.  
Uses advised against : None known.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company and address: **Magnaflux**  
155 Harlem Ave.  
60025 Glenview, IL  
USA  
847-657-5300  
[www.magnaflux.com/Magnaflux](http://www.magnaflux.com/Magnaflux)

Distributor: Address:

E-mail: [support@magnaflux.com](mailto:support@magnaflux.com)

SDS date: 11/18/2024

SDS Version: 5.0

### 1.4. EMERGENCY TELEPHONE NUMBER

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® ([triage.webpoisoncontrol.org](http://triage.webpoisoncontrol.org)) to get specific guidance for your case  
See also section 4 "First aid measures".  
Emergency number: CHEMTREC 800-424-9300

## SECTION 2: HAZARD(S) IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not classified according to HCS (29 CFR 1910.1200)

### 2.2. LABEL ELEMENTS

Hazard pictogram(s): Not applicable.

Signal word: Not applicable.

Hazard statement(s):

Precautionary statement(s):

General:	-
Prevention:	-
Response:	-
Storage:	-
Disposal:	-
Additional labelling:	Not applicable.

### 2.3. OTHER HAZARDS

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCES

Product/substance	Identifiers	% w/w	Classification	Note
Dipotassium hydrogenorthophosphate	CAS No.: 7758-11-4	95-100%		

### 3.2. MIXTURES

Not applicable. This product is a substance.

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### OTHER INFORMATION

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## SECTION 4: FIRST-AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

General information:	If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation:	In case of discomfort: bring the person into fresh air.
Skin contact:	Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
Eye contact:	Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.
Ingestion:	Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.
Burns:	Not applicable.

**4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

High amounts of dust can cause coughing and general irritation of the respiratory airways.

**4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

**INFORMATION TO MEDICS**

Bring this safety data sheet or the label from this product.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1. EXTINGUISHING MEDIA**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

**5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Some metal oxides

**5.3. ADVICE FOR FIREFIGHTERS**

No specific requirements.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Contaminated areas may be slippery.

**6.2. ENVIRONMENTAL PRECAUTIONS**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. REFERENCE TO OTHER SECTIONS**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE****7.1. PRECAUTIONS FOR SAFE HANDLING**

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Recommended storage material: Keep only in original packaging.

Storage conditions: 10 - 30°C

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. SPECIFIC END USE(S)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

### 8.2. EXPOSURE CONTROLS

Apply general control to prevent unnecessary exposure

General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures: Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.

Hygiene measures: Wash hands after use.

Measures to avoid environmental exposure: No specific requirements.


### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Generally: Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:  
No specific requirements

Skin protection:  
No specific requirements.

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,38	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Powder
Color:	White
Odor:	Mild
Odor threshold (ppm):	No data available
pH:	Not applicable
pH in solution:	9 (1%)
Density (g/cm <sup>3</sup> ):	0.86 - 1.13
Kinematic viscosity:	No data available
Particle characteristics:	No data available

### PHASE CHANGES

Melting point/freezing point (°F):	487
Melting point/freezing point (°C):	253
Softening point/range (°F):	Does not apply to solids.
Boiling point (°F):	No data available
Vapor pressure:	No data available
Relative vapor density:	No data available
Decomposition temperature (°F):	No data available

### DATA ON FIRE AND EXPLOSION HAZARDS

Flash point (°F):	Does not apply to solids.
Flammability (°F):	No data available
Auto-ignition temperature (°F):	No data available
Explosion limits (% v/v):	No data available

### SOLUBILITY

Solubility in water:	Very soluble (170g / 100g)
n-octanol/water coefficient (LogKow):	No data available
Solubility in fat (g/L):	No data available

### 9.2. OTHER INFORMATION

Evaporation rate (n-butylacetate = 100):	No data available
Other physical and chemical parameters:	No data available.
Oxidizing properties:	No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

No data available.

### 10.2. CHEMICAL STABILITY

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS, INCLUDING THOSE ASSOCIATED WITH FORESEEABLE EMERGENCIES

None known.

### 10.4. CONDITIONS TO AVOID

None known.

### 10.5. INCOMPATIBLE MATERIALS

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

#### ACUTE TOXICITY

Based on available data, the classification criteria are not met.

#### SKIN CORROSION/IRRITATION

Based on available data, the classification criteria are not met.

#### SERIOUS EYE DAMAGE/IRRITATION

Based on available data, the classification criteria are not met.

#### RESPIRATORY SENSITISATION

Based on available data, the classification criteria are not met.

#### SKIN SENSITISATION

Based on available data, the classification criteria are not met.

#### GERM CELL MUTAGENICITY

Based on available data, the classification criteria are not met.

#### CARCINOGENICITY

Based on available data, the classification criteria are not met.

#### REPRODUCTIVE TOXICITY

Based on available data, the classification criteria are not met.

#### STOT-SINGLE EXPOSURE

Based on available data, the classification criteria are not met.

#### STOT-REPEATED EXPOSURE

Based on available data, the classification criteria are not met.

#### ASPIRATION HAZARD

Based on available data, the classification criteria are not met.

#### LONG TERM EFFECTS

None known.

## OTHER INFORMATION

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY

No data available.

### 12.2. PERSISTENCE AND DEGRADABILITY

Based on available data, the classification criteria are not met.

### 12.3. BIOACCUMULATIVE POTENTIAL

Based on available data, the classification criteria are not met.

### 12.4. MOBILITY IN SOIL

No data available.

### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. OTHER ADVERSE EFFECTS

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### RCRA HAZARDOUS WASTE ("P" AND "U" LIST) (40 CFR 261)

None of the components are listed

### SPECIFIC LABELLING

### CONTAMINATED PACKING

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

14.1 UN / ID		14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
DOT	-	-	Transport hazard class: Not regulated for transport	-	No	See below for additional information.
IMDG	-	-	Transport hazard class: Not regulated for transport	-	No	See below for additional information.

14.1 UN / ID		14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
IATA	-	-	Transport hazard class: Not regulated for transport	-	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

### ADDITIONAL INFORMATION

Not dangerous goods according to ADR, IATA and IMDG.

DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### 14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable.

### 14.7. TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

### 15.2. U.S. FEDERAL REGULATIONS

TSCA (the non-confidential portion): Dipotassium hydrogenorthophosphate is listed

Clean Air Act: None of the components are listed

EPCRA Section 302: None of the components are listed

EPCRA Section 304: None of the components are listed

EPCRA section 313: None of the components are listed

CERCLA: None of the components are listed

Hazardous chemical inventory reporting: This product is not subject to Tier II reporting.

### STATE REGULATIONS

California / Prop. 65: See product label for Prop 65 Statement (if applicable)

Massachusetts / Right To Know Act: None of the components are listed

New Jersey / Right To Know Act: None of the components are listed



New York / Right To Know Act: None of the components are listed

Pennsylvania / Right To Know Act: None of the components are listed

**NFPA**

Health hazard: 1

Fire hazard: 0

Instability hazard: 0

**15.4. RESTRICTIONS FOR APPLICATION**

Restricted to professional users.

**15.5. DEMANDS FOR SPECIFIC EDUCATION**

No specific requirements.

**15.6. ADDITIONAL INFORMATION**

Not applicable.

**15.7. CHEMICAL SAFETY ASSESSMENT**

No

**15.8. SOURCES**

OSHA Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 16: OTHER INFORMATION****THE FULL TEXT OF IDENTIFIED USES AS MENTIONED IN SECTION 1**

None known.

**ABBREVIATIONS AND ACRONYMS**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**ADDITIONAL INFORMATION**

In accordance with HCS (29 CFR 1910.1200(g)), a safety data sheet is not required for this product.  
This safety data sheet has been created on a voluntary basis to distribute relevant information.

**THE SAFETY DATA SHEET IS VALIDATED BY**

Magnaflux

**OTHER**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en