

SAFETY DATA SHEET

1. Identification of the Substance and of the Company Revised: September 30, 2022

Product Name: Monopotassium Phosphate (MKP) Food Grade

WC Code: 13-044

Product Use: Food additive, ingredients in chemicals and pharmaceutical industries.

Company

WINTERSUN CHEMICAL

1250 E. Belmont St.

Ontario, CA 91761

Call: 909-930-1688

Information / Emergency Telephone

PERS (Professional Emergency Resource Services)

Domestic Shipments and to Canada: 1-800-633-8253

International Shipments: 1-801-629-0667

2. Hazard Identification

GHS-US Classification

Not classified

GHS-US Label Elements

Not applicable

Hazards not covered by GHS-US

Not classified

3. Composition/ Information on Ingredients

Chemical Name: Monopotassium Phosphate

CAS No: 7778-77-0

E- No: E-341

EINECS-No: 2151457

Molecular Formula: KH_2PO_4

Molecular Weight: 136.09 g/mol

Appearance: White powder

Assay: 98.00 % Min

4. First-Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention if irritation occurs.

Skin Contact

Remove any contaminated clothing. Wipe off excess from skin. Wash skin with soap and

flush with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Inhalation

If inhaled, remove to fresh air immediately and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention for any breathing difficulty.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

5. Fire Fighting Measures**Special Hazards Arising from the Substance or Mixture**

No data available

Fire-Fighting Equipment/ Instructions

Evacuate personnel to a safe area. If necessary, firefighters should use self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media

Suitable extinguishing media such as water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

Generally personal safety precautions are not required. Use proper personal protective equipment as indicated in Section 8. Keep unnecessary personnel away to safe areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from the spilled material. Ensure adequate ventilation.

Methods and materials for containment and cleaning up

Handle in accordance with industrial hygiene and safety practices. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Avoid generating dusty conditions. Finish cleaning the contaminated surface and dispose of according to local and regional authority requirements

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

7. Handling and Storage**Precautions**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Do not swallow. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Wash hands and other exposed areas with mild soap and water after handling. Handle in accordance with good industrial hygiene and safety procedures.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Empty containers should be handled with care because it may contain residual amounts of this product.

8. Exposure Controls / Personal Protection**Exposure Limit****Components with workplace control parameters**

No data available

Engineering Controls

Use adequate ventilation or other engineering controls to keep airborne concentrations below recommended exposure limits. See **OSHA Regulations state in 29 CFR 1910.151 (c)** for an eyewash facility and safety shower requirement.

Personal Protection

Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and Chemical Properties

Appearance: White powder

Odor: Odorless

pH: 4.4 - 4.8

Melting point/ freezing point: Undetermined

Initial boiling point/ Boiling range: Undetermined

Evaporation rate: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Water solubility: Easily soluble

Viscosity: No data available

Oxidizing properties: No data available

Auto-ignition Temperature: No data available

Flash Point: No data available

Explosion Limits: No data available

Flammability of the Product: No data available

Flammable Limits: No data available

10. Stability and Reactivity

Stability: Stable under ordinary conditions

Reactivity: No data available

Conditions to avoid: No data available

Incompatibilities with other materials: No data available

Hazardous decomposition products: No decomposition if used according to specifications.

Hazardous Reactions: No hazardous reaction with proper storage and handling.

11. Toxicological Information

Acute toxicity

No data available

Skin corrosion/ irritation

No data available

Serious eye damage/ eye irritation

No data available

Respiratory or skin sensitization

No data available

Additional Toxicological Information: When used and handled according to the specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological Information

Water hazard class 1: Slightly hazardous for water

Avoid product to get into the ground water, water course, or sewage system.

13. Disposal Information

Waste Disposal

Keep out of sewers and waterways. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Code No. Of Waste: 060307 Phosphates and Related Salt.

14. Transport Information

US DOT

Not regulated as a hazardous material

IMDG/ IATA

Not regulated as a hazardous material

15. Regulatory Information

Symbols of Danger: E-341

National Regulations: Water Endangering Class 1

Other Prescriptions and Restrictions

Code No of Waste: 060307 Phosphates and Related Salts.

16. Other Information

HMIS Rating

No data available

NFPA Rating

No data available

Revision Date: September 30, 2022

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WINTERSUN CHEMICAL MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO WAY SHALL THE COMPANY BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.