

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: UREA
PHOSPHATE Extra Pure
CAS#: - 4861-19-2
Synonym: Not available.
Chemical Name: Not available.
Chemical Formula: Not available.

Composition and Information on Ingredients

Substance / Preparation:

Synonyms: UREA
PHOSPHAT
E EXTRA
PURE CAS
No: 4861-19-
2
Substance.

Contains no other components or impurities which will influence the classification of the product.

Name	S.K.U	% by Weight
UREA PHOSPHATE Extra Pure	GCS-5267	100

Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45: Not classified.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP): Not classified.

Label elements

Labelling EC 67/548 or EC 1999/45: Not classified.

S Phrase(s): S22: Do not breathe dust.
S24/25: Avoid contact with skin and eyes.

Labelling Regulation EC 1272/2008 (CLP): Not classified.

Other hazards:

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

First Aid Measures

Description of first aid measures:

Inhalation: Assure fresh air breathing. Allow the victim to rest.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed:

General information:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture:

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

Advice for firefighters:

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory Protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to Enter environment.

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or

public waters.

Methods and material for containment and cleaning up

Clean up methods: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to other sections

See section 8. Exposure controls/personal protection

Handling and Storage

Precautions for safe handling:

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Conditions for safe storage, including any incompatibilities:

Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Specific end use(s): None.

Exposure Controls/Personal Protection

Exposure controls:

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Others: When using, do not eat, drink or smoke.

Control parameters:

Occupational Exposure Limits: No data available.

Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C: Solid.

Colour: Colorless crystals

Odour: N/A

Odour threshold: No data available.

pH value : Not applicable.

Melting point [°C]: 116 - 118 °C

Decomposition point [°C]: N/A

Critical temperature [°C]: N/A
Auto-ignition temperature [°C]: N/A
Flammability (solid, gas): N/A
Flash point [°C]: N/A
Boiling point [°C]: N/A
Initial boiling point [°C]: N/A
Final boiling point [°C]: N/A
Evaporation rate: N/A
Vapour pressure [20°C]: N/A
Vapour pressure mm/Hg: N/A
Vapour density: N/A
Density [g/cm³]: N/A
Relative density, gas (air=1): N/A
Relative density, liquid (water=1): N/A
Solubility in water [% weight]: N/A
Solubility in water: N/A
Log Pow octanol / water at 20°C: No data available.
Solubility: N/A
Viscosity at 40°C [mm²/s]: N/A

Other information:

Explosive properties: N/A
Explosion limits - upper [%]: N/A
Explosion limits - lower [%]: N/A
Oxidising properties: No data available.

Stability and Reactivity Data

Reactivity: Not established.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: Not established
Conditions to avoid: Direct sunlight. Extremely high or low temperatures.
Incompatible materials: Strong acids. Strong bases.

Hazardous decomposition products:

Other decomposition products: Fumes. Carbon monoxide. Carbon dioxide

Toxicological Information**Information on toxicological effects:**

Acute toxicity:

Inhalation:
not met.

Based on available data, the classification criteria are

Dermal:

Based on available data, the classification criteria are

not met.

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

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

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

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

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

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

Toxic for reproduction: 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.

Ecological Information

Toxicity: Not established.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: Not established.

Mobility in soil: Not established.

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Other adverse effects: Avoid release to the environment.

Disposal Considerations

Waste treatment methods:

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Transformation Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]
General information : Not regulated.

Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV: The components of this product are not subject to authorization.

Chemical Safety Assessment: It has not been carried out.


Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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