

PURE MIX

Last changed: 10/11/2012

Section 1: Product & Company Information

Trade Name: **PURE MIX 12:06:36+1.6MGO+TE**
 Product code: GB0915
 Supplier: Engage Agro Europe Ltd
 Chorley Business & Technology Centre
 Euxton Lane,
 Euxton
 Chorley
 Lancashire PR7 6TE
 England
 Telephone: +44 (0) 1257 226590

Emergency Telephone

Emergency Telephone	Type of Assistance	Opening Hours
0845 4647	England and Wales: NHS Direct – Health advice and assistance	24 Hours
08454 242424	Scotland: NHS24	24 Hours

Relevant Identified Uses of The Substance or Mixture and Uses Advised Against

Use of Substance/Mixture: Soluble fertiliser for use in agriculture and horticulture

Section 2: Hazards Identification

Classification of the Substance or Mixture

Classification under CHIP: Xi: R36/37/38
Classification under CLP: Eye Dam. 1: H318
Most Important Adverse Effects: Irritating to eyes, respiratory system and skin.

Label Elements

Label Elements under CLP:
Hazard Statements: H318: Causes serious eye damage.
Signal Words: Danger
Hazard Pictograms: GHS05: Corrosion



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Precautionary Statements: P280: Wear protective clothing

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

Label Elements under CHIP:

Hazard Symbols: Irritant.



Risk Phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrases: S22: Do not breathe dust.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60: This material and its container must be disposed of as hazardous waste.

Other Hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition / Information on Ingredients

Mixtures

POTASSIUM SULPHATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-915-5	7778-80-5	Xi: R36/37/38	Eye Dam. 1: H318	10-30%

PEKACID (HKP) RM

EINECS	CAS	CHIP Classification	CLP Classification	Percent
238-961-5	14887-42-4	Xi: R36	Eye Irrit. 2: H319	1-10%

Section 4: First Aid Measures

Description of First Aid Measures

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

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Ingestion: Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

Most Important Symptoms and Effects, Both Acute and Delayed

Skin Contact: There may be irritation and redness at the site of contact.
Eye Contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed/Immediate effects: Immediate effects can be expected after short-term exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Immediate/Special Treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire Fighting Measures

Extinguishing Media

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.

Special Hazards Arising from the Substance or Mixture

Exposure Hazards: In combustion emits toxic fumes.

Advice for Fire-Fighters

Advice for Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

Environmental Precautions

Environmental Precautions: Do not discharge into drains or rivers.

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Methods and Material for Containment and Cleaning Up

Clean-up Procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to Other Sections

Reference to Other Sections: Refer to section 8 of SDS.

Section 7: Handling and Storage

Precautions for Safe Handling

Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable Packaging: Must only be kept in original packaging.

Specific End Use(s)

Specific End Use(s): No data available.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Workplace Exposure Limits: No data available.

DNEL/PNEC Values

DNEL/PNEC: No data available.

Exposure Controls

Engineering Measures: Ensure there is sufficient ventilation of the area.

Respiratory Protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand Protection: Protective gloves.

Eye Protection: Safety glasses. Ensure eye bath is to hand.

Skin Protection: Protective clothing.

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Section 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

State: Powder
Solubility in Water: Soluble

Other Information

Other Information: No data available.

Section 10: Stability and Reactivity

Reactivity

Reactivity: Stable under recommended transport or storage conditions.

Chemical Stability

Chemical stability: Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous Reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to Avoid

Conditions to Avoid: Heat.

Incompatible Materials

Materials to Avoid: Strong oxidising agents. Strong acids.

Hazardous Decomposition Products

Haz. Decomp. Products: In combustion emits toxic fumes.

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Section 11: Toxicological Information

Information on toxicological effects

Hazardous ingredients:

POTASSIUM SULPHATE

ORAL	RAT	LD50	6600	Mg/Kg
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PEKACID (HKP) RM

DERMAL	RAT	LD50	>2000	Mg/Kg
ORAL	RAT	LD50	>2000	Mg/Kg

Relevant effects for mixture:

Effect	Route	BASIS
Irritation	OPT INH DRM	Hazardous: calculated

Symptoms/Routes of Exposure

- Skin Contact:** There may be irritation and redness at the site of contact.
- Eye Contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed/Immediate Effects:** Immediate effects can be expected after short-term exposure.

Section 12: Ecological Information

Toxicity

Ecotoxicity Values: No data available.

Persistence and Degradability

Persistence and Degradability: Biodegradable.

Bioaccumulative Potential

Bioaccumulative Potential: No bioaccumulation potential.

Results of PBT and vPvB Assessment

PBT Identification: This product is not identified as a PBT substance.

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Other Adverse Effects

Other Adverse Effects: Negligible ecotoxicity.

Section 13: Disposal Considerations

Waste Treatment Methods

Disposal Operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of Packaging: Observe all local regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport Information

Transport Class: This product does not require a classification for transport.

Section 15: Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Chemical Safety Assessment

Section 16: Other Information

Other Information

Other Information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases Used in s.2 and 3: H318: Causes serious eye damage.
H319: Causes serious eye irritation.
R36/37/38: Irritating to eyes, respiratory system and skin.
R36: Irritating to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

