MATERIAL SAFETY DATA SHEET

This product is not classified according to the EU regulations.

Conforms to 93/112/EC and ISO 11014-1

K-HUMATE

1. Identification of the substance/preparation and of the company/undertaking

Product name : K-HUMATE
Supplier : Nulandis (a division of AECI Limited)
14 Field Road,
LILIANTON

Synonyms : Not available.

Emergency telephone number : Griffon Poison information centre: 082 446 8946 Poisons Information Helpline: 0861 555 77
Nulandis: (011) 823 8000 (a/h) Spill Tech: 086 100 0366 (a/h)

2. Composition / information on ingredients

Substance/Preparation : Preparation

Chemical name* : Potassium Humate
CAS No. : 100
Symbol : -
R-Phrases : -

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

Physical/chemical hazards : Not applicable.
Human health hazards : Not harmful

4. First-aid measures

First-Aid measures
Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
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. Cold water may be used. Get medical attention.

Effects and symptoms
Skin Contact : According to our database, the product will not easily enter the human body.
Eye Contact : According to our database, the product will not easily enter the human body.
Aggravating conditions : Repeated or prolonged exposure is not known to aggravate medical condition.

5. Fire-fighting measures

Extinguishing Media
Suitable : This material will not burn or burns with difficulty.
Special fire-fighting procedures : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Date of issue : 2016/04/13  Version 2.00  Page: 1/3
6. Accidental release measures

Personal precautions: Dust respirator. Gloves.
Environmental Precautions and Clean-up Methods: Use a shovel to put the material into a convenient waste disposal container.

7. Handling and storage

Handling: No specific safety phrase has been found applicable for this product.
Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.
Packaging materials: Use original container.

8. Exposure controls/personal protection

Engineering measures: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Hygiene measures: Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Occupational Exposure Limits</th>
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<td>No hazardous ingredient.</td>
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Personal protective equipment

Skin and body: Lab coat.
Eyes: Safety glasses.

9. Physical and chemical properties

Physical state: Solid.
Color: Dark.
Odor: Slight.
Density: Not available.
Solubility: Easily soluble in hot water. Soluble in cold water.
\( \text{pH} \): Not available.
Flash point: Not applicable.
Explosive properties: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

10. Stability and reactivity

Stability: The product is stable.
Materials to avoid: acids

11. Toxicological information

Local effects:

Chronic toxicity: Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

Ecotoxicity: Not available.
13. Disposal considerations

Methods of disposal: Waste of residues; Contaminated packaging

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

14. Transport information

International transport regulations

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<table>
<thead>
<tr>
<th>Land - Road/Railway</th>
<th>Packing Group</th>
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<tr>
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<td>Packing Group</td>
</tr>
<tr>
<td>Inland waterways</td>
<td>Packing Group</td>
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15. Regulatory information

EU Regulations

| Risk Phrases | This product is not classified according to the EU regulations. |

16. Other information

HISTORY

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<thead>
<tr>
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<th>2016/04/13</th>
</tr>
</thead>
<tbody>
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<td>2016/04/13</td>
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<td>Version</td>
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Notice to Reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.