Material Safety Data Sheet

<table>
<thead>
<tr>
<th>Identification</th>
<th>OCP HUMIC Acid liquid Soil Conditioner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suppliers Name:</td>
<td>Organic Crop Protectants Pty Ltd</td>
</tr>
<tr>
<td>Address:</td>
<td>Unit 1/ 61 Turrella St., TURRELLA, NSW 2205 AUSTRALIA</td>
</tr>
<tr>
<td>Emergency Phone No:</td>
<td>1800634204</td>
</tr>
<tr>
<td>Phone No:</td>
<td>0295998767</td>
</tr>
<tr>
<td>Fax No:</td>
<td>0295998010</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:info@ocp.com.au">info@ocp.com.au</a></td>
</tr>
</tbody>
</table>

1. PRODUCT IDENTIFICATION

GENERAL/GENERIC ID: POTASSIUM HUMATE
CHEMICAL FORMULA: K⁺ C₃₂H₄₆O₁₀(OCH₃)COOH(OH)₄C=NRCOOH
SYNONYMS NOT APPLICABLE (N/A)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>POTASSIUM HUMATE</td>
<td>68514-28-3</td>
<td>15-26% w/v</td>
</tr>
</tbody>
</table>

3. INGREDIENTS

MATERIAL OR COMPONENT: DOT SHIPPING CLASS:
HAZARD CLASSIFICATION: HEALTH-1, FIRE-0, REACTIVITY-0
HAZARD CLASSIFICATION KEY: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREME

4. CHEMICAL CHARACTERISTICS

ACTIVE: POTASSIUM, FULVIC & HUMIC ACIDS > 15% w/v
INERTS: WATER > 85% w/v
PH 9-11

5. PHYSICAL DATA

MELTING POINT: N/A
SPECIFIC GRAVITY: 1.02 kg/L
VAPOR PRESSURE: Not determined
VAPOR DENSITY (AIR=L) NA
SOLUBILITY IN H₂O % BY WT: 99%
APPEARANCE AND ODOR: DARK BLACK NO ODOR.
6. FIRE AND EXPLOSION DATA

FLASH POINT: N/A
EXPLOSIVE LIMITS: Not determined
BOILING POINT: 100°C
FLAMMABLE LIMITS IN AIR: % BY VOLUME LOWER N/A UPPER N/A
EXTINGUISHING MEDIA: WATER, FOAM, CO₂, ABC FIRE EXTINGUISHER
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

7. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE
INHALATION: CAN CAUSE IRRITATION TO MUCUS MEMBRANES AND RESPIRATORY
PASSENGES: NON-SYSTEMIC.
SKIN CONTACT: NONE KNOWN.
SKIN ABSORPTION: NONE KNOWN.
EYE CONTACT: POTENTIAL MILD IRRITATION.
INGESTION: NON KNOWN. THE LD₅₀ IN ACUTE ORAL TOXICITY STUDIES IS GREATER THAN
6,000 MG/KG. LARGE QUANTITIES CAN CAUSE GASTROINTESTINAL IRRITATION.
EFFECTS OF OVEREXPOSURE
ACUTE OVER EXPOSURE: EXPECTED TOXICITY HAZARD NONE TO SLIGHT.
CHRONIC OVEREXPOSURE: EXPECTED TOXICITY HAZARD NONE TO SLIGHT.
EMERGENCY AND FIRST AID PROCEDURES
EYE: FLUSH WITH WATER.
SKIN: FLUSH WITH WATER.
INHALATION: IF DISCOMFORT ENSURES, SEEK MEDICAL ATTENTION.
INGESTION: DUE TO THE PRESENCE OF IRON SALTS, CALL A PHYSICIAN IF
LARGE QUANTITIES ARE INGESTED.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE NONE KNOWN
NOTES TO PHYSICIAN MINIMUM IRON CONTENT: IS L.0%

8. HANDLING AND STORAGE

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A DRY AND COOL PLACE. IT SHOULD
BE PROTECTED FROM DIRECT SUNLIGHT AND NOT BE EXPOSED TO HIGH TEMPERATURE.
KEEP OUT OF REACH OF CHILDREN AND PETS AND SEPARATE FROM FOOD.

9. REACTIVITY DATA

STABILITY: STABLE UNDER NORMAL WAREHOUSE CONDITIONS
INCOMPATIBILITY: SOLUTIONS WITH PH BELOW 3
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: NONE KNOWN
HAZARDOUS POLYMERIZATION: NONE KNOWN

10. SPILL LEAK AND DISPOSAL PROCEDURES

MOP UP ANY SPILLS AND DISPOSE OF IN APPROPRIATE LAND FILL OR AS APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS. WASH ANY REMAINING MATERIAL WITH WATER.
NON-TOXIC, NON-CORROSIVE. AREA MAY BECOME SPIPPERY IF SPILL NOT COMPLETELY
REMOVED SO CAUTION SIGNS MAY NEED TO BE DEPLOYED UNTIL SURFACE IS CLEAN AND
DRY.
11. TOXICOLOGICAL INFORMATION

RADIOACTIVITY: 5(Bq/Kg)

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>KNOWN</th>
<th>ANTICIPATED</th>
<th>IARC CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>POTASSIUM HUMATE</td>
<td>NO</td>
<td>NO</td>
<td>NONE</td>
</tr>
</tbody>
</table>

12. SPECIAL PROTECTION INFORMATION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT
RESPIRATORY (SPECIFY IN DETAIL): NONE REQUIRED
EYE: SAFETY GOGGLES
GLOVES: NONE REQUIRED
OTHER SAFETY CLOTHING AND EQUIPMENT: NONE REQUIRED

13. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: DO NOT BREATHE DUST. AVOID CONTACT WITH EYES.
DO NOT INGEST.
OTHER HANDLING AND STORAGE EQUIPMENT: STORE IN A DRY AREA. KEEP OUT OF REACH OF CHILDREN.

14. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: NO INFORMATION FOUND.
ENVIRONMENTAL TOXICITY: NO INFORMATION FOUND.

15. TRANSPORT INFORMATION: NOT REGULATED.

16. OTHER INFORMATION

This MSDS summarises at date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since Organic Crop Protectants Pty Ltd cannot anticipate or control the conditions under which the product may be used, prior to usage each user must review this MSDS in the context of how the product will be handled and used in the workplace. Organic Crop Protectants Pty Ltd will not be responsible for any damage caused by the use of the product otherwise than in accordance with the directions and information contained in this document. If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact Organic Crop Protectants Pty Ltd. Ask for Technical Manager. Safety Data Sheets are updated regularly. Please ensure that you have a current copy.