*Bio Natural Solutions*

# K6 Grease Trap Sak

Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|---|---|
| **Product Name** | K6 Grease Trap Sak |
| **Product Use** | Microbial treatment for fats oils and grease treatment in grease traps |
| **Company Name** | Bio Natural Solutions Pty Ltd |
| | 38 132 198 853 |
| **Address** | Factory 15 |
| | 49 – 55 Garden Drive |
| | Tullamarine Victoria 3043 |
| **Telephone** | 1300 730 551 |
| **Fax** | 1300 491 167 |
| **Emergency Telephone** | 0418 338877 |
| **Email** | support@bnsolutions.com.au |

## 2. HAZARDS IDENTIFICATION

Product has been classified as non hazardous according to the criteria of Worksafe Australia

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| **Hazard Category:** | Non allocated |
| **Hazard Classification:** | Non Hazardous, Non dangerous |
| **Risk Phrases:** | R22 – Harmful if swallowed |
| | R36/38 – Irritating to eyes and skin. |
| **Safety Phrases:** | S24/25 Avoid contact with skin and eyes. |
| | S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. |
| | S36/S37 - Wear suitable protective clothing and gloves. |
| | S62 – If swallowed do not induce vomiting, seek medical advice immediately and show this MSDS or label. |
| **Poison Schedule:** | None allocated [Aust]. |
| **Warning Statement:** | None indicated. |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| **Substance Name** | **Proportion** | **CAS Number** |
|---|---|---|
| Non-pathogenic Bacteria cultures Suspended in water | 36% | 68582-99-0 |
| Sodium Sulfate | 62% | 7757-82-6 |
| Surfactant | 2% | 68081-81-2 |

All other ingredients are not hazardous according to the EU Criteria:

## 4. FIRST AID MEASURES

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| **Swallowed** | If swallowed, DO NOT induce vomiting or give anything by mouth. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and victim is conscious, give water to further dilute the chemical. |
| **Eye** | Immediately flush eyes thoroughly with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, transport to hospital or doctor. |
| **Skin** | In case of contact, immediately wash with plenty of soap and water. |
| **Inhaled** | Respiratory irritation or distress should not normally occur using this product. If this condition occurs, remove the victim to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device as a bag or mask. |
| **First Aid Facilities** | Eye wash fountain, safety shower and normal wash room facilities. |
| **Advice to Doctor** | All treatments should be based on observed signs and symptoms of distress in the patient. |

**In case of poisoning, contact Poisons Information Centre**:
In Australia call Tel: 131126
In New Zealand Tel: 034747000

## 5. FIRE FIGHTING MEASURES

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| **Fire/Explosion Hazard** | If safe to do so, move undamaged containers from fire area. |
| **Fire Fighting Procedures** | Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended. |
| **Extinguishing Media** | Use extinguishing media suitable for surrounding fire situation. |
| **Hazchem Code** | None allocated [Aust] |
| **Flammability** | Material is non flammable. |

## 6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Non-Hazardous powder which is allowed to go into the drains. Sweep or use absorbent dust and collect and seal in properly labeled containers for disposal. Rinse area with water to remove residue.

## 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer. Use good hygiene practices when handling live organisms.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure standards are available for this product; however the following exposure standards have been assigned by NOHSC to the following components of the product:

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| ***Engineering Controls*** | Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following exposure techniques may be used to effectively minimize employee exposures. |
| ***Eye Protection*** | When engaged in activities where ingredients could contact the eye, wear safety glasses with shields or goggles. In extremely dusty environments and unpredictable environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury. |
| ***Skin Protection*** | Skin contact should be minimized through use of gloves and suitable long sleeve clothing. |
| ***Respiratory Protection*** | Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection. |
| ***Ventilation*** | Use local exhaust or general dilution ventilation to control exposure within applicable limits. |
| ***Work Practice Controls*** | Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:<br>(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.<br>(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.<br>(3) Wash exposed skin promptly to remove accidental splashes or contact with this material. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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| **Appearance** | Reddish brown granules |
| **Odour** | No Odour |
| **pH** | N/A |
| **Boiling Point** | N/A |
| **Physical State** | Solid |
| **Vapour Pressure** | N/A |
| **Specific Gravity** | 1.0 |
| **Flash Point** | Not applicable |
| **Flammability Limits** | Not applicable |
| **Solubility in Water** | Yes |

## 10. STABILITY AND REACTIVITY

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|---|---|
| **Stability** | Stable under normal conditions of use. |
| **Hazardous Decomposition Products** | Decomposes on heating emitting soot, smoke and decomposition products. |
| **Hazardous Polymerization** | Will not occur. |
| **Incompatibilities** | Strong acids, alkalis and oxidizing agents. |
| **Conditions to Avoid** | Heat, flames, ignition sources and incompatibles |

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this MSDS and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

**ACUTE HEALTH EFFECTS**

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|---|---|
| **Swallowed** | Ingestion is not likely route of entry. Ingestion may cause possible GI tract irritation. |
| **Eye** | Contact during the handling of this product may cause irritation and possible infection. |
| **Skin** | May cause irritation or redness to the skin. |
| **Inhaled** | Not believed to pose any problems if inhaled. |
| **Chronic** | No information found. |
| **Toxicological Data** | There is no other toxicological information available for this product. |

## 12. ECOLOGICAL INFORMATION

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|---|---|
| **Ecotoxity** | No data available. |
| **Mobility** | No data available. |
| **Persistence/Degradability** | No data available. |
| **Chemical Fate Information** | No data available. |

## 13. DISPOSAL CONSIDERSATION

Contact the Land Waste Management Authority in your state

## 14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

## 15. REGULATORY INFORMATION

**Poison Schedule:** Non allocated (Aust). Product has been classified as non hazardous according to the criteria of Worksafe Australia.

## 16. OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

Date of Preparation: Feb 2024
Issue Date: Feb 2024

***END MSDS***