# Material Safety Data Sheet

## 1. Product and Company Identification

**Product Name:** Cutek Machine Accelerator

**Trade Name:** Cutek Machine Accelerator

**Revision Date:** 12/09/2008

**Company Name:** Chemisys Australia Pty Ltd
A.C.N. 096 578 013

**Address:** P. O. Box 3604
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Australia
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Hazardous according to the criteria of NOHSC
Not classified as hazardous for transport (ADG, UN, IATA/ICAO)

## 2. Composition/Information on Ingredients

Ingredients considered hazardous according to the criteria of Worksafe Australia:

| Chemical Name | CAS # | Proportion | EU Classification |
|---|---|---|---|
| Heavy Aromatic Petroleum Solvent | [64742-94-5] | >60% | Xn; R65, 66, 67 |
| Ingredients determined not to be hazardous | | to 100% | |

Notes on EU Symbols: Xn Harmful, Xi Irritant

## 3. Hazards Identification

Harmful: Low viscosity material may cause lung damage if swallowed
Repeated exposure may cause skin dryness or cracking
Vapours may cause drowsiness and dizziness

## 4. First Aid Measures

**Eyes:**
Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

**Ingestion:**
DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

**Inhalation:**
Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

**Skin:**
Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

**Note to doctor:**
Treat symptomatically. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis.

## 5. Fire-Fighting Measures

| | |
|---|---|
| **Flash Point:** | 63 degrees Celsius |
| **Extinguisher Media:** | Foam, carbon dioxide, dry chemical. |
| **Unusual Fire and Explosion Hazards:** | None known |
| **Special Protective Equipment:** | Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus. |
| **Combustion Products:** | Carbon dioxide and Carbon Monoxide |

## 6. Accidental Release Measures

**Hazards:**
Eliminate sources of ignition. Warn occupants of potential fire hazard. Prevent liquid from entering low lying areas.

**Steps to be taken if material is released or spilled:**
Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

**Container Disposal:**
DO NOT reuse container. Dispose of safely.

## 7. Handling and Storage

**Handling:**
Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact. This product is combustible. Do not use near open flame, sources of heat or ignition.

**Storage:**
Store in a cool, dry place out of reach of children and direct sunlight.
Incompatible with rubber materials

## 8. Exposure Controls/Personal Protection

**Ventilation Requirements:**
Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 100mg/m3 TWA. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

**Respiratory Protection:**
None normally required if good ventilation is maintained. If mist is generated during application process, use a disposable organic mist respirator. Avoid breathing vapour

**Eye Protection:**
If accidental eye contact is possible then wear goggles or a face visor.

**Skin Protection:**
Unnecessary skin contact should be avoided and good personal hygiene practises observed. If skin contact is anticipated then protective clothing including impervious gloves should be worn.

## 9. Physical and Chemical Properties

| | |
|---|---|
| **Appearance:** | Clear Liquid. |
| **Odour:** | Slight petroleum distillate odour. |
| **Boiling Point:** | >179 degrees Celsius |
| **Specific Gravity:** | ~0.89 @ 20 degrees Celsius |
| **Solubility in Water:** | Negligible |
| **Flash Point:** | 63 degrees Celsius |

## 10. Stability and Reactivity

| | |
|---|---|
| **Stability:** | Products of this type are stable and unlikely to react in a hazardous manner under normal conditions. |
| **Incompatibility:** | Sources of Heat and Open Flames, Oxidising Agents, Mineral Acids. |
| **Hazardous Decomposition Products:** | Oxides of Carbon on Burning |
| **Hazardous Polymerisation:** | Will not occur |

## 9. Toxicological Data

**Eyes:**
Can cause severe irritation, redness, tearing, and blurred vision. Can cause irreversible damage on prolonged contact.

**Ingestion:**

Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting may cause chemical pneumonitis. Can cause gastro-intestinal irritation, nausea, vomiting, tracheal burning and diarrhoea.

**Inhalation:**
At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. Exposure to large concentrations over an extended period of time can cause nasal and respiratory irritation, dizziness, nausea, vomiting, headache, and weakness.

**Skin:**
Prolonged or repeated contact may result in itching, defatting, dermatitis or more serious irreversible skin disorders.

## 12. Ecological Information

**Hazard:**
This product is expected to be toxic to marine organisms.

**Mobility:**
Spillages may penetrate the soil causing ground water contamination.

## 13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.
Dispose of product and container responsibly and carefully.
Do not dispose of near waterways, down drains or into soil.

## 14. Transport Information

Not classified as hazardous for transport (ADG, UN, IATA/ICAO)
Classified as a Combustible Liquid C1, AS 1940-1993

## 15. Regulatory Information

**Australian Classifications:**

| | |
|---|---|
| UN Number: | NA |
| HAZCHEM Code: | NA |
| Dangerous Goods Class | NA |
| Packaging Group: | NA |
| EC Labelling: | Xn; R65, 66, 67<br>S2, S23, S24, S62 |

## 16. Other Information

**Compiled by:**
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This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Chemisys Group shall not be responsible for any damage of injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.