

MATERIAL SAFETY DATA SHEET

Reviewed 5.5.2007

1 Identification of substance:

- **Product details:**
- **Trade name:** **LEADER STOCK MARKER**
- **Supplier/Manufacturer:** Leader Products Pty Ltd, Box 42, Craigieburn 3064, Victoria, Australia/
Rurtec Ltd, 20D Perclo Place, Box 10432, Hamilton, New Zealand
- **Emergency information:** In Australia, poisons Information is available 24 hours a day, 7 days a week, on 13 1126

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Wax based crayon that contains wax, colourants and inert excipients.
- **Dangerous components:** None

3 Hazards identification

- **Hazard description:** Not applicable
- **Information pertaining to particular dangers for man and environment**

According to current laws and regulations the product is not a dangerous or toxic material (based on the available data). Reports of animals (mice and rats) eating the product note no adverse effects.

- **Classification system**

The classification was made according to the latest editions of the EU and international lists and company and literature data.

4 First aid measures

- **General information** No special measures required.
- **After inhalation** Difficult to inhale but could cause choking and respiratory distress. Supply fresh air and observe for any sign of breathing difficulties. Consult doctor if problems persist.
- **After skin contact** Contact is usually harmless except in cases of sensitive skin where a rash may develop. Remove any contaminated clothing and wash before reuse. Wash affected area with water and soap.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, seek medical assistance.
- **After swallowing** Small to moderate quantities are relatively harmless. May cause nausea and vomiting or temporary intestinal disturbance. Excessive intake may cause more serious symptoms such as intestinal paralysis and obstruction. Rinse out mouth and then drink plenty of water. Do not induce vomiting. If symptoms persist consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents** CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:** Dangerous decomposition product see item 10: stability and reactivity.
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to penetrate the ground/soil. In case of seepage into the ground inform responsible authorities.
- **Measures for cleaning/collecting:** Pick up mechanically. Send for recovery or disposal in suitable receptacles. Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Requirements to be met by storerooms and receptacles:** Store container tightly sealed at a cool and dry place with sufficient ventilation.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**
1317-65-3 Calcium carbonate OES Long-term value: 10* 4** mg/m³ *total inhalable dust **respirable dust
- **Additional information:** The lists that were valid during the creation were used as basis.
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to when handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** For people with skin sensitivity, protective gloves may be worn.

- **Eye protection:** Goggles or glasses may be worn.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

- **Form:** Solid at room temperature.
- **Colour:** Red, Blue, Fluoro Green, Fluoro Orange, or Fluoro Pink
- **Odour:** Waxy
- **Change in condition**
- Melting point/Melting range:** 60 to 70°C
- Boiling point/Boiling range:** > 100°C
- **Flash point:** not applicable
- **Ignition temperature:** 300°C
- **Self igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits: Lower:** 0.9 Vol %
- **Solubility in / Miscibility with water:** Miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Materials to be avoided:** Oxidants
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** In the case of fire or at high temperatures the formation of the following decomposition products is possible; carbon monoxide and carbon dioxide.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect except in cases of hypersensitivity.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitising effects known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations. Experience has shown that when used and handled according to specifications, the product does not have any harmful effects.

12 Ecological information:

- **General notes:** Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

- **Product:**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border) ADR/RID class:** Not hazardous good according to the regulation.
- **Maritime transport IMDG: · IMDG Class:** Not hazardous good according to the regulation.
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class:** Not hazardous good according to the regulation.

15 Regulations

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

16 Other information:

This information is based on present knowledge and does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.