Material Safety Data Sheet

1. Product and Company Identification
   Catalog Numbers: 3892-0
   Product Name: Maleimide
   Trade Name: Maleimide
   Synonyms: 2,5-Pyrroledione
   Manufacturer & Distributor
   Company Name: Reagent World, Inc.
   Address: 2048 E. Francis Street
   City: Ontario
   State: California
   Postal Code: 91761
   Country: USA
   Business/Emergency Phone: 909-947-7779
   Fax: 909-947-9595
   URL: http://www.ReagentWorld.com

2. Hazards Identification
   Emergency Overview: Toxic if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
   Potential Health Effects
   Eye: Causes eye irritation. Lachrymator (substance which increases the flow of tears).
   Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.
   Ingestion: Poison by ingestion.
   Inhalation: Causes respiratory tract irritation.
   Chronic: -

3. Composition/Information on Ingredients
   Chemical Name: Maleimide
   Molecular Formula: C4H3NO2
   Molecular Weight: 97.07
   Content: 98%
   CAS Number: 541-59-3
   EINECS NO. [EC No]: 208-787-4

4. First Aid Measures
   Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
   Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
   Ingestion: Get medical aid. Wash mouth out with water.
   Inhalation: Remove from exposure and move to fresh air immediately.

5. Fire Fighting Measures
   General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
   Extinguishing: Use water spray, dry chemical, carbon dioxide, or chemical foam.

6. Accidental Release Measures
   General Information: Use proper personal protective equipment as listed in Section 8.
   Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage
   Handling: Refer to section 8
   Storage: 1. Keep in a cool, dry place
           2. Keep container tightly closed

8. Exposure Controls/Personal Protection
   Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.
   Personal Protective Equipment
   Eyes: Wear chemical safety goggles.
   Skin: Wear appropriate protective gloves.
   Clothing: Wear appropriate protective clothing.
   Respirators: Wear NIOSH/MSHA - approved respirator

9. Physical and Chemical Properties
   Physical State: Crystalline powder
   Color: white - light yellow
   Odor: -
   Boiling Point: -
   Melting Point: 90-94
   Vapor Pressure: -
Specific Gravity: -
PH: -
Solubility in Water: soluble in water
Flash Point: -
Autoignition Temperature: -
Decomposition Temperature: -

10. Stability and Reactivity
Chemical Stability: -
Conditions to Avoid: Incompatible materials.
Incompatibilities with Other: Strong oxidizing agents, strong acids, strong bases, strong reducing agents.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.
Polymerization: -

11. Toxicological Information
RTECS#: ON4800000
Toxicity Data[LD50/LC50]: Oral, mouse: LD50 = 80 mg/kg.
Carcinogenicity: See actual entry in RTECS for complete information.
Other: -

12. Ecological Information
Ecotoxicity: -
Other: -

13. Disposal Considerations
Disposal considerations: Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations

14. Transport Information
Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.
Hazard Class: 6.1
UN Number: 2811
Packing Group: III

15. Regulatory Information
European/International Regulations: -
European Labeling in Accordance with EC Directives
Hazard Symbols: 1.T
R-Phrases:
1. Toxic if swallowed.
2. Irritating to eyes.
3. Irritating to respiratory system.
4. Irritating to skin.
5. May cause sensitization by skin contact.
S-Phrases:
1. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
2. After contact with skin, wash immediately with plenty of water.
3. Wear suitable gloves.
4. Wear eye/face protection.
5. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
WGK(Water Danger/Protection): 1
US Federal TSCA: CAS# 541-59-3 is listed on the TSCA inventory.

16. Other Information
The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential of exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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