



Cellulose acetate butyrate MSDS

1. Chemical name and manufacturer information

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| English name | Cellulose acetate butyrate MSDS | CAS # | 9004-36-8 |
| Chinese name | 乙酸丁酸纤维素 | Model | CAB-551-0.2 |
| Product use | Used as leveling agent, UV stabilizer, anti-yellowing agent, silver powder alignment agent in solvent-based coatings, and as orange peel agent in powder-based coatings | | |
| Name of Supplier | Anhui Kingcham New Material Co., Ltd | Telephone | 0551-62759996 |
| Supplier address | Room 1305 Jinqian Square , No. 4680 Jinzhai Road , Shushan District, Hefei, 230026 ,Anhui, China. | Fax | 0551-62759996 |

2. Chemical composition/composition information

| Chemical composition | Content (%) | CAS # |
|----------------------------|-------------|-----------|
| Cellulose acetate butyrate | >99% | 9004-36-8 |

3. Hazard overview

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| GHS Hazard Category | Not a Hazardous Substance or Mixture. |
| GHS Label Elements | Not a Hazardous Substance or Mixture |
| Physical and chemical hazards | Not required to be classified based on available information. |
| Health Hazard | No classification required based on available information. |
| Environmental Hazard | No classification required based on available information. |

4. First aid measures

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| Skin contact | Remove contaminated clothing and wash with plenty of running water. |
| Eye contact | Lift eyelids and flush with running water or saline. Get medical attention immediately. |
| Ingestion | drink plenty of warm water, induce vomiting, seek medical attention. |

5. Fire control measures

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| Hazard characteristics | Combustible in case of open flame |
| Harmful combustion products | Carbon oxides, nitrogen oxides, hydrogen bromide |
| Fire extinguishing methods and extinguishing agents | Fire extinguishing method: Evacuate people away from the fire site. Isolate the fire site and prohibit unnecessary people from entering. Soak the burning materials thoroughly with water to cool and prevent re-burning. Spray water to cool containers exposed to fire and areas affected by fire until the flame is extinguished and the danger of re-burning is relieved. If the product is contaminated, please observe the heat generation and/or decomposition of the product. When extinguishing fire, stand in the protected area or keep a safe distance. Consider using unmanned hose brackets or adjusting nozzles to extinguish fires. For small fires, you can hold dry powder fire extinguishers or carbon dioxide fire extinguishers to extinguish fires. Forced use of fire extinguishing reagents may lead to dust explosion hazard. Remove as far as possible without danger. Fire extinguishing agent: atomized water, dry powder fire extinguisher, carbon dioxide fire extinguisher and anti-dissolving foam fire extinguisher. |
| Precautions for fire extinguishing | Firefighters should wear gas masks, and self-contained positive pressure respirators and full-body fire-fighting clothes should be worn for handling large amounts of leaks. |

6. Emergency treatment of leakage

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| Emergency treatment | Use personal protective equipment, avoid dust production, avoid inhaling steam, smoke or gas, ensure adequate ventilation, and evacuate personnel to a safe area. Don't let the product enter the sewer. Do not generate dust during collection and disposal, sweep and shovel it off and put it into a suitable closed container for treatment. |
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7. Operation and storage

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| Operational Precautions | Avoid contact with skin and eyes. Avoid dust and aerosol formation. Provide suitable exhaust equipment in places with dust. General fire prevention measures. |
| Storage considerations | Store in a cool place, keep it airtight in a container, and store it in a dry and ventilated place. |

8. Contact control and personal protective measures

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| Occupational Exposure Limits | Substances that do not contain Occupational Exposure Limits. |
| Engineering Control | Confined operation, local exhaust. |
| Eye Protection | Wear chemical safety goggles when necessary. |
| Body protection | Wear general work protective clothing. |
| Respiratory system protection | When the dust concentration in the air is high, it is recommended to wear a self-priming filter dust mask. |
| Hand Protection . | Wear general work protective gloves. |
| Other protection | After work, bathe and change clothes. Pay attention to personal hygiene. |

9. Physical and chemical characteristics

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| Appearance and Properties | Powder |
| Color | White |
| Smell | Slightly |
| Butyryl content | 52% |
| Acetyl content | 2% |
| Hydroxyl content | 1.8% |
| Glass transition temperature | 101°C |
| Melting point (°C) | 130~140°C |
| Number average molecular weight | 30000 |

10. Stability and reactivity

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| Reactivity | No reasonable prediction |
| Stability | Stable under normal conditions |
| Conditions to avoid | Minimize dust generation and accumulation. |
| Incompatible substances | Strong oxidizing agents |
| Hazardous decomposition products | Carbon monoxide, carbon dioxide |

11. Toxicological information

Based on existing information, no classification is required

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| Inhalation | Not reported |
| skin contact | Molten material can cause thermal burns. |
| Eye Contact | Molten material can cause thermal burns. |
| Ingestion | Not reported |

12. Ecological information

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| Ecotoxicity | No data |
| Biodegradation | No relevant information was found. |
| Biodegradable | No relevant information was found. |
| Other harmful effects | In non-professional operation and treatment, the harm to the environment is not excluded. |

13. Waste disposal

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| Property of waste | General industrial solid waste |
| Waste disposal method | It is treated by a professional waste treatment company. Do not pour into any sewer, ground, or any water body. Do not burn in mixed flammable solvents. |
| Precautions for Abandonment | All disposal operations must comply with local regulations. Regulations may vary from region to region. Waste identification and compliance with relevant laws and regulations are the sole responsibility of waste producers. As a supplier, we cannot control the management measures or manufacturing processes in the use and treatment of this material by the user unit. |

14. Transport information

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| Dangerous goods number | No data |
| Packaging category | No data |
| Packaging method | Built-in plastic bag packaging, external waterproof Kraft paper bag. |
| Transportation precautions | Packing should be complete at departure and loading should be safe. Make sure there is no leakage during transportation. It is strictly forbidden to mix with oxidants, acids, etc. During transportation, it is necessary to prevent high-temperature exposure and rain. |

15. Regulatory information

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| Regulatory information | << Regulations on Safe Use of Chemicals in the Workplace >> |
| | << Occupational Exposure Limits for Hazardous Factors in the Workplace-Chemical Factors >> (GB 2.1) |
| | << Environmental Management Measures for New Chemicals >> Law |
| | of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste |
| | Classification and marking of commonly used hazardous chemicals (GB 13690) |
| | Regulations on Safety Management of Hazardous Chemicals << Dangerous Goods List >> (GB 12268) |
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16. Other information

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| MSDS Description | This information is based on our knowledge. However, this does not constitute a guarantee for any specific product characteristics, nor should it establish a legally effective contractual relationship. |
| Release department | Anhui Kingcham Technology Department |
| Release time | 2022 |