**Laboratory Order for the Determination of safety-related Characteristics:**

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| --- | --- | --- | --- | --- |
| Customer: | Salutation | Title | First Name | Surname |
| Company: | Company | Department: | Department |
| Street, House Number: | Street House Number |
| Post Code, City: | Post Code City |
| Telephone: | Telephone | Fax: | Fax |
| Email: | Email |
| Quotation No.: | Quotation No. | Quotation Date: | Quotation Date |
| Order No.: | Order No. | Order Date: | Order Date |
|  |
| Sample Name: | Sample Name |
| Chemical Name: | Chemical Name |
| Lot No.: | Lot No. | Purity: | Purity |
| CAS No.: | CAS No. | Molecular weight: | Molecular weight: |
| Addition information (structural formula, chemical composition, storage requirements): Addition information (structural formula, chemical composition, storage requirements) |

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| **Determination of gasexplosion and fire danger for liquids and gases** |
| [ ]  Flash Point | [ ]  Ignition Temperature | [ ]  Sustained Combustibility | [ ]  Lower Explosion Point |
| [ ]  Lower Explosion Limit | [ ]  Upper Explosion Limit | [ ]  Limiting Oxygen Concentration |  |

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| **Determination of fire danger and self-ignition behavior for Deposited Dust and Bulk Solids** |
| [ ]  Flammability  | [ ]  Burning Rate | [ ]  DSC (Elevated Pressure) | [ ]  Grewer-Oven |
| [ ]  Heat Storage in Wire Basket \* (Self-Ignition Temperature) | [ ]  Smoulder Temperature |  |
| Determination with \*require consulation on study parameters with our person responsible |

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| **Determination of explosion danger for air/dust mixtures (incl. particle size distribution and residual moisture)** |
| [ ]  mod. Hartmann-Tube | [ ]  Minimum Ignition Energy | [ ]  explosion property in the 20 ℓ Sphere |
| [ ]  Lower Explosive Limit  | [ ]  KSt, pmax, Dust-Ex Class | [ ]  Oxygen Limit Concentration |
| [ ]  Minimum Ignition Temperature |  |  |

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| **Determination of explosion danger for Solids** |
| [ ]  Koenen-Test (Thermal) | [ ]  Drop Hammer (Impact) | [ ]  Friction App. (Friction) |
| [ ]  Trauzl-Test | [ ]  Dutch-Pressure-Vessel-Test |  |

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| **Determination of Electro Static Behaviour**  |
| [ ]  Conductivity of Liquids / Suspensions | [ ]  Powder Volume Resistivity |
| [ ]  Surface Resistivity (hard substance or film) | [ ]  Volume Resistance (hard substance or film) |
| [ ]  Elect. Resistance of floor coverings and installed floors | [ ]  Elect. Strength of insulating materials |
| [ ]  Charge Transfer Measurement of insulating materials |  |

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| **Determination of Thermal Stability and Chemical Reactions** |
| [ ]  DSC-Screening (repeat determination) | [ ]  Single-DSC for laboratory handling\* |
| [ ]  Screening of gas evolution (RADEX) | [ ]  Screening of gas evolution (ARSST) |
| [ ]  Adiabatic Heat Storage Test \* | [ ]  Deflagration Behaviour \* |
| [ ]  RC1-Reaction Calorimeter \* | [ ]  Adiabatic Calorimeter (VSP2)\* |
| Determination with \*require consulation on study parameters with our person responsible |

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| **Test Package** |
| [ ]  Screening Test Package Dust, containing: Flammability DSC (repeated determination in glas vial) Drop Hammer (Impact) Grewer-Oven Mod. Hartmann-Tube |  |
| [ ]  Basic Test Package Dust, containing: Flammability DSC (repeated determination in glas vial) DSC (elevated pressure) Grewer-Oven Mod. Hartmann-Tube Minimum Ignition Energy with Induction or explosion property in the 20 ℓ Sphere particle size distribution  residual moisture | [ ]  Basic Test Package Dusts + Powder Volume Resistivity |
| [ ]  Test Package Liquid 1, containing: pH-value (determination) flow cup (calculation) kinematic viscosity (determination) dynamic viscosity (calculation) density (determination) pour point (determination) or melting point (determination) boiling point (determination) flash point (determination) ignition temperature water miscibility | [ ]  Test Package Liquid 2 (Test Package Liquid 1 + sustained combustibility testing) |

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| **Other tests as dicussed:** |

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| **Tests for the determination of physical-chemical characteristics according EC No. 440 or OECD** (see separately [Laborder](http://www.consilab.de/downloads.html)) |

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| **Contact person at consilab (if known):** <select a name> |
|  |
| **Report Language:** | [ ]  German | [ ]  English |  |
|  |
| **Comments: (e.g. Processing Temperature, Processing Steps)**Comments: (e.g. Processing Temperature, Processing Steps) |
| Date:  | Signature:  |