**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: | | |