

Technical Data Sheet

Silver powder

Date Issued: 2019-08-14

1 Identification Of The Substance/Preparation And The Company / Undertaking

Product name	Silver powder
Product code	NM-0037-HP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)176 - 84850874
Email	msds@iolitec.de

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Silver powder (coated with fatty acids)
Empirical formula	Ag
CAS No.	7440-22-4
Molecular weight	107.87 amu
Purity	99+ %, (Ag mass%: $\geq 95\%$)
Average particle size	20 nm (SEM)
Specific surface area	15-20 m ² /g
Color	green-grey
Morphology	nearly spherical
Bulk density	2-4g/mL

Technical Data Sheet

Silver powder

Date Issued: 2019-08-14

3 OTHER INFORMATION

DISCLAIMER

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPOSED TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. IOLITEC SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

IN NO WAY SHALL IOLITEC BE LIABLE FOR ANY CLAIMS, LOSSES OR DAMAGES OF ANY THIRD PARTY OR FOR THE LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.