HGST Products As of August 31, 2016



The drives identified below are in compliance with European Union Regulation 1907/2006 on the Registration Evaluation Authorization and Restriction of Chemicals (REACH).

Based on information provided by our suppliers, HGST designates the products listed below as REACH compliant for orders based on or after the date of this certification. REACH compliant means that:

- Our products, hard disk drives, are categorized as articles under the REACH Regulations.
- It is not intended that our hard disk drives release substances during normal and reasonably foreseeable conditions of use.
- Regarding the Substances of Very High Concern (SVHC) updated candidate list recently released by the European Chemicals Agency on June 20, 2016, HGST products do not contain more than 0.1% by weight per article of any substance on the SVHC candidate list.

We will continue to monitor the status of the candidate list as part of our on-going compliance activities, including the possible need under Article 33 of REACH to inform product recipients and consumers if an article contains more than 0.1% by weight per article of any substance that is added to the SVHC candidate list in the future.

HGST products are accompanied by a pouch containing silica gel that absorbs moisture.

Based upon publicly available guidance issued by the European Chemicals Agency in December 2010, HGST has concluded that this is a combination of an article (the pouch) and a substance/mixture (the silica gel inside the pouch). Accordingly, the substance (the silica gel) is subject to registration under REACH as well as the Regulation on the Classification, Labeling, and Packaging of Substances and Mixtures (CLP). As a result, HGST has filled a CLP notification of silica gel and a REACH pre-registration of silica gel with the European Chemicals Agency.

Silica gel is not considered a hazardous material and, current law does not require a label on the pouch or elsewhere due to the presence of silica gel. It is packed in a static shielding pouch and as such is unlikely to cause eye or respiratory irritation.

Georgi Pernov Global Director

Table of REACH compliant HGST products is provided on the following pages.

Most recent additions are highlighted in blue.

HGST Products As of August 31, 2016



CINEMASTAR PRODUCTS				
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
CinemaStar 7K1000.D	HCS7210xxDLE630	3.5-inch hard disk drive	All	All
CinemaStar 7K1000.C	HCS7210xxCLA3x2	3.5-inch hard disk drive	All	All
CinemaStar 7K1000.B	HCT7210xxSLA3x0	3.5-inch hard disk drive	All	All
CinemaStar 7K1000	HCS7210xxKLA330	3.5-inch hard disk drive	All	All
CinemaStar P7K500	HCP7250xxGLAx80	3.5-inch hard disk drive	All	All
CinemaStar 5K2000	HCS5C20xxALA632	3.5-inch hard disk drive	All	All
CinemaStar 5K1000.B	HCS5C10xxDLE630	3.5-inch hard disk drive	All	All
CinemaStar 5K1000	HCS5C10xxCLA382	3.5-inch hard disk drive	All	All
CinemaStar Z7K500	HCC7250xxA7E630	2.5-inch 7mm hard disk drive	All	All
CinemaStar Z5K500	HCC5450xxA7Exx0	2.5-inch 7mm hard disk drive	All	All
CinemaStar Z5K320	HCC5432xxA7A380	2.5-inch 7mm hard disk drive	All	All
CinemaStar C5K1000	HCC5410xxA9E6x0	2.5-inch hard disk drive	All	All
CinemaStar C5K750	HCC5475xxA9E380	2.5-inch hard disk drive	All	All
CinemaStar C5K500	HCC5450xxB9A300	2.5-inch hard disk drive	All	All
CinemaStar C5K320	HCC5432xxL9SA00	2.5-inch hard disk drive	All	All

DESKSTAR PRO	DESKSTAR PRODUCTS				
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
Deskstar 7K4000	HDS724040ALE640	3.5-inch hard disk drive	All	All	
Deskstar 7K3000	HDS7230xxxLA64x	3.5-inch hard disk drive	All	All	
Deskstar 7K2000	HDS722020ALA330	3.5-inch hard disk drive	All	All	
Deskstar 7K1000.D	HDS7210xxDLE630	3.5-inch hard disk drive	All	All	
Deskstar 7K1000.C	HDS7210xxCLAxx2	3.5-inch hard disk drive	All	All	
Deskstar 7K1000.B	HDT7210xxSLA3x0	3.5-inch hard disk drive	All	All	
Deskstar 5K4000	HDS5C4040ALE63x	3.5-inch hard disk drive	All	All	
Deskstar 5K3000	HDS5C30xxALA63x	3.5-inch hard disk drive	All	All	
Deskstar 5K1000.B	HDS5C1010DLE630	3.5-inch hard disk drive	All	All	
Deskstar 5K1000	HDS5C10xxCLA382	3.5-inch hard disk drive	All	All	

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ENDURASTAR PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH CompliantPNs	
Endurastar J4K320	HEJ4232xxH9E300	2.5-inch hard disk drive	All	All	
Endurastar J4K100	HEJ4210xxG9xx00	2.5-inch hard disk drive	All	All	
Endurastar N4K100	HEN4210xxG9AT00	2.5-inch hard disk drive	All	All	

IVDR				
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
iVDR	HHV5450xxB9SV0x	2.5-inch hard disk drive	All	All
iVDR	HHV5432xxL9SV0x	2.5-inch hard disk drive	All	All
iVDR	HHV5425xxK9SVxx	2.5-inch hard disk drive	All	All

MEGASCALE PRODUCTS				
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
MegaScale DC 4000.B	HMS5C4040BLE64x	3.5-inch hard disk drive	All	All
MegaScale 4000	HMS5C40xxALE64x	3.5-inch hard disk drive	All	All

Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
Travelstar Z7K500	HTx7250xxA7E63x	2.5-inch 7mm hard disk drive	All	All
Travelstar Z7K320	HTx7232xxA7A36x	2.5-inch 7mm hard disk drive	All	All
Travelstar Z5K1000	HTS5410xxA7E63x	2.5-inch 7mm hard disk drive	All	All
Travelstar Z5K500	HTx5450xxA7Ex8x	2.5-inch 7mm hard disk drive	All	All
Travelstar Z5K500.B	HTS545050B7E660	2.5-inch 7mm hard disk drive	All	All
Travelstar Z5K320	HTx5432xxA7A38x	2.5-inch 7mm hard disk drive	All	All
Travelstar 7K1000	HTx7210xxA9E63x	2.5-inch hard disk drive	All	All
Travelstar 7K750	HTx7275xxA9E36x	2.5-inch hard disk drive	All	All
Travelstar 7K500	HTx7250xxA9A36x	2.5-inch hard disk drive	All	All
Travelstar 7K320	HTx7232xxL9xxxx	2.5-inch hard disk drive	All	All
Travelstar 5K1500	HTx541515A9E63x	2.5-inch hard disk drive	All	All
Travelstar 5K1000	HTx5410xxA9E68x	2.5-inch hard disk drive	All	All
Travelstar 5K750	HTx5475xxA9E38x	2.5-inch hard disk drive	All	All
Travelstar 5K500.B	HTx5450xxB9A30x	2.5-inch hard disk drive	All	All
Travelstar 5K500	HTS5450xxKTxx0x	2.5-inch hard disk drive	All	All
Travelstar 5K320	HTx5432xxL9xx0x	2.5-inch hard disk drive	All	All

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Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
Ultrastar SSD800MH	HUSMH80x0ASS20x	MLC NAND solid state drive	All	All
Ultrastar SSD800MM	HUSMM80x0ASS20x	MLC NAND solid state drive	All	All
Ultrastar SSD1000MR	HUSMR10xxASS20x	MLC NAND solid state drive	All	All
Ultrastar SSD400S.B	HUSSL40xxBSS60x	SLC NAND solid state drive	All	All
Ultrastar SSD400M	HUSML40xxASS60x	MLC NAND solid state drive	All	All
Ultrastar SSD400S	HUSSL40xxAxxx00	SLC NAND solid state drive	All	All
Ultrastar SSD800MH.B	HUSMH80xxBSS20x	MLC NAND solid state drive	All	All
Ultrastar SSD1600MM	HUSMM16xxASS20x	MLC NAND solid state drive	All	All
Ultrastar SSD1600MR	HUSMR16xxASS20x	MLC NAND solid state drive	All	All
Ultrastar Archive Ha ¹⁰	HMH7210xxALxx0x	3.5-inch helium hard disk drive	All	All
Ultrastar He ¹⁰	HUH7210xxALxx0x	3.5-inch helium hard disk drive	All	All
Ultrastar He ⁸	HUH7280xxALxx0x	3.5-inch helium hard disk drive	All	All
Ultrastar He ⁶	HUS726060ALxx4x	3.5-inch helium hard disk drive	All	All
Ultrastar 15K600	HUS1560xxVLxx0x	3.5-inch hard disk drive	All	All
Ultrastar 7K6000	HUS7260xxALxx1x	3.5-inch hard disk drive	All	All
Ultrastar 7K4000	HUS7240xxALx64x	3.5-inch hard disk drive	All	All
Ultrastar 7K3000	HUx7230xxALx64x	3.5-inch hard disk drive	All	All
Ultrastar 7K2	HUS722TxxALA60x	3.5-inch hard disk drive	All	All
Ultrastar A7K2000	HUA7220xxCLA33x	3.5-inch hard disk drive	All	All
Ultrastar A7K1000	HUA7210xxKLA330	3.5-inch hard disk drive	All	All
Ultrastar C7K1000	HUC721010ASS60x	2.5-inch hard disk drive	All	All
Ultrastar C15K600	HUC1560xxCSx20x	2.5-inch hard disk drive	All	All
Ultrastar C15K147	HUC1514xxCSS60x	2.5-inch hard disk drive	All	All
Ultrastar C10K1800	HUC1018xxCSx20x	2.5 inch hard disk drive	All	All
Ultrastar C10K1200	HUC101212CSS60x	2.5-inch hard disk drive	All	All
Ultrastar C10K900	HUC1090xxCSS60x	2.5-inch hard disk drive	All	All
Ultrastar C10K600	HUC1060xxCSS60x	2.5-inch hard disk drive	All	All
Ultrastar C10K300	HUC1030xxCSS60x	2.5-inch hard disk drive	All	All

CLOUD INFRASTRUCTURE BUSINESS UNIT PRODUCTS					
Family / Model Name Model Number Description Mfg Date REACH Complia					
Storage Enclosure Basic	EA7000	4U 98 HDD J-BOD CONTROLLER WITH DUAL 1200W PSU	All	All	
HGST Active Archive System	SA 7000	42-U Rack with 4.7 PB	All	All	
4U60 Storage Enclosure	1E00xx	60-drive 4U SAS JBOD	All	All	

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SOLID STATE DRIVE PCIe PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
PCIE	HUSPR32xxAHP3x1	Gallant Fox HH-HL MLC 19NM PCIe RI	All	All	
PCIE	HUSPR32xxADP3x1	Gallant Fox SFF MLC 19NM PCIe RI	All	All	
PCIE	M2-LP-4800-2B	ZION PCIe 4800GB MLC SSD	All	All	
PCIE	M3-LP-1100-1A or x-M3-LP-1100-1A	Virident REDWOOD 1.1TB MLC SSD	All	All	
PCIE	M3-LP-2200-1A or x-M3-LP-2200-1A	Virident REDWOOD 2.2TB MLC SSD	All	All	
PCIE	S1120xxM4	KRONOS-S1120 MLC 32NM PCIe	All	All	
PCIE	S1120xxM4S	KRONOS-S1120 MLC 32NM PCIe	All	All	
PCIE	S1120xxS4	KRONOS-S1120 SLC 32NM PCle	All	All	
PCIE	S1120xxS4S	KRONOS-S1120 SLC 32NM PCIe	All	All	
PCIE	S1122xxM4	KRONOS-S1122 MLC 24NM PCIe	All	All	
PCIE	S1122xxxM4	KRONOS-S1122 MLC 24NM PCIe	All	All	
PCIE	S1122xxM4-x	KRONOS-S1122 MLC 24NM PCIe	All	All	

SOLID STATE DRIVE MACH-M16 PRODUCTS				
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs
MACH-M16	M16CSD1-xUCx	MACH-M16 MLC 32NM uSATA	All	All
MACH-M16	M16ISD2-xUC	MACH-M16 SLC 32NM SATA	All	All
MACH-M16	M16ISD2-xUCx	MACH-M16 SLC 32NM SATA	All	All
MACH-M16	M16ISD2-xUIx	MACH-M16 SLC 32NM SATA	All	All
MACH-M16	M16ISD2-xUC	SLIMSATA-M16 SLC 32NM SATA	All	All
MACH-M16	M16ISD2-xUC-x	SLIMSATA-M16 SLC 32NM SATA	All	All
MACH-M16	M16ISD2-xUCx-x	MACH-M16 SLC 32NM SATA	All	All

SOLID STATE DRIVE MACH-M8 PRODUCTS				
Family / Model Name Model Number Description Mfg Date REACH Compliant PNs				
MACH-M8	M8ISB2-50UC	MACH-M8 SLC 51NM 50GB SATA HE	All	All

SOLID STATE DRIVE S600 PRODUCTS				
Family / Model Name Model Number Description Mfg Date REACH Compliant PNs				
S600	S620ExM9	S600 MLC 32NM SATA	All	All
S600	S620SxM1	S600 MLC 32NM uSATA	All	All

SOLID STATE DRIVE S800 Zeus Gen4 PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
S800-S840	S840ZxS2	S800-S840Z SLC 32NM	All	All	
S800-S840	S841ExM2	S800-S841 MLC 24NM	All	All	
S800-S840	S842ExM2	S800-S842 MLC 24NM	All	All	
S800-S840	S842ExM2-x	S800-S842 MLC 24NM	All	All	
S800-S840	S842ExZ2x-x-x	S800-S842 MLC 24NM	All	All	
S800-S840	S842xM2	S800-S842 MLC 24NM	All	All	
S800-S840	S840ExM2	S800-S840 MLC 32NM	All	All	

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S846	S846E2000M2	S846E SAS 6Gb/s 2.5" Enterprise 2000GB eMLC SSD.ENCRYPTION	All	All
S846	S846E200M1	ZeusIOPS.uSAS.6Gb/s.1.8".5mm.Gen4.2 00GB.Tosh.24nm.eMLC.8CH	All	All
S846	S846E400M1 / S846E4007xxxx-x	ZeusIOPS.uSAS.6Gb/s.1.8".5mm.Gen4.4	All	All

SOLID STATE DRIVE ZEUS IOPS PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
ZEUS IOPS	Z16IFE2D-xUCx-x	ZEUS-IOPS-Z16 MLC 41NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCU-x	ZEUS-IOPS-Z16 SLC 32NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCU-x-x	ZEUS-IOPS-Z16 SLC 32NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCV-x	ZEUS-IOPS-Z16 MLC 32NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCV-x-x	ZEUS-IOPS-Z16 MLC 32NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCZ	ZEUS-IOPS-Z16 MLC 24NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCZ-x	ZEUS-IOPS-Z16 MLC 24NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCZ-x-x	ZEUS-IOPS-Z16 MLC 24NM	All	All	
ZEUS IOPS	Z4RZF3D-xUC-x	ZEUS-IOPS-Z4 SLC 43NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCV	ZEUS-IOPS-Z16 MLC 32NM	All	All	
ZEUS IOPS	Z16IZF2E-xUCU	ZEUS-IOPS-Z16 SLC 32NM	All	All	
ZEUS IOPS	Z16IZF2D-xUCx	ZEUS-IOPS-Z16 MLC 41NM	All	All	
ZEUS IOPS	Z4RZF3D-xUC	ZEUS-IOPS-Z4 SLC 43NM	All	All	

COMPACT FLASH PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
Compact Flash	SLCFxM2TU	Compact Flash SLC 43NM	All	All	
Compact Flash	SLCFxM2TUI	Compact Flash SLC 43NM	All	All	
Compact Flash	SLCFxM2TU-x	Compact Flash SLC 43NM	All	All	
Compact Flash	SLCFxM2TUI-x	Compact Flash SLC 43NM	All	All	
Compact Flash	SLCFxM4TU	Compact Flash SLC 32NM	All	All	
Compact Flash	SLCFxM4TUI	Compact Flash SLC 32NM	All	All	
Compact Flash	SLCFxM2TU	Compact Flash SLC 32NM	All	All	
Compact Flash	SLCFxM2TUI	Compact Flash SLC 32NM	All	All	
Compact Flash	SLCFxM2TU-x	Compact Flash SLC 32NM	All	All	
Compact Flash	SLCFxM2TUI-x	Compact Flash SLC 32NM	All	All	
Compact Flash	xCFxM2TUI	Compact Flash SLC 43NM	All	All	
Compact Flash	xCFxM2TU-x	Compact Flash SLC 43NM	All	All	
Compact Flash	xCFxM2TUI-x	Compact Flash SLC 32NM	All	All	
Compact Flash	CCFxxxMExU	Compact Flash SLC 43NM	All	All	

VELOCITY 2 DRIVE PRODUCTS						
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs		
Velocity 2	C2S4SVJTxx-xx-x	SLIMSATA-V4 SLC 32NM 32GB SATA-II HE	All	All		
Velocity 2	V4SD2Sxx-xxx	SLIMSATA-V4 SLC 32NM 32GB SATA-II HE 2S7	All	All		
Velocity 2	V4SD2Sxx-xxx-x	SLIMSATA-V4 SLC 32NM 16GB SATA-II HE	All	All		

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USB / FLASH DISK MODULE PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
USB / Flash Disk Module	SLUFMxU2TUI-x	Flash Disk Module SLC 32NM	All	All	
USB / Flash Disk Module	SLUFMxU2TUI-x	Flash Disk Module SLC 43NM	All	All	
USB / Flash Disk Module	SLUFMxU2TU-x	Flash Disk Module SLC 43NM	All	All	
USB / Flash Disk Module	SLUFMxU2TU-x	Flash Disk Module SLC 32NM	All	All	
USB / Flash Disk Module	xUFMxU2TU-x	Flash Disk Module SLC 43NM	All	All	
USB / Flash Disk Module	CEUxVCBTxxxU	Flash Disk Module SLC 43NM	All	All	
USB / Flash Disk Module	CEUxVCBTxxxU	Flash Disk Module SLC 32NM	All	All	
USB / Flash Disk Module	SLUFDxU2TUI	USB Mini Drive SLC 32NM	All	All	
USB / Flash Disk Module	xUFMxU2TUI	USB Mini Drive SLC 32NM	All	All	
USB / Flash Disk Module	SLUFDxU2TU	USB Mini Drive SLC 43NM	All	All	
USB / Flash Disk Module	SLUFDxU2TUI	USB Mini Drive SLC 43NM	All	All	
USB / Flash Disk Module	SLUFDxU2TU	USB Mini Drive SLC 32NM	All	All	
USB / Flash Disk Module	xUFDxU2TU	USB Mini Drive SLC 43NM	All	All	
USB / Flash Disk Module	CUSxVCBTXXXU	USB Mini Drive SLC 43NM	All	All	
USB / Flash Disk Module	CUSxVCBTXXXU	USB Mini Drive SLC 32NM	All	All	

SINGLE CHIP DRIVE PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
Single Chip Drive	CSCD01GPCET8MExH	Single Chip Drive SLC 43NM 1GB PATA HE	All	All	
Single Chip Drive	CSCD128PCET1MExU	Single Chip Drive SLC 43NM 0.128GB PATA HE	All	All	
Single Chip Drive	CSCD128PCET1MExH	Single Chip Drive SLC 43NM 0.128GB PATA HE	All	All	
Single Chip Drive	CSCD256PCET2MExU	Single Chip Drive SLC 43NM 0.256GB PATA HE	All	All	
Single Chip Drive	CSCD256PCET2MExH	Single Chip Drive SLC 43NM 0.256GB PATA HE	All	All	
Single Chip Drive	CSCD01GPCET8MExU	Single Chip Drive SLC 43NM 1GB PATA HE	All	All	

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TOURO PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
Touro Mobile Pro	HTOMPEAxxxx1BBB	Portable external HDD	All	All	
Touro Mobile	HTOLMX3EAxxxx1ABB	Portable external HDD	All	All	
Touro Desk Pro	HTOLDEBxxxx1BBB	Desktop external HDD	All	All	
Touro Desk	HTOLDX3EBxxxx1ABB	Desktop external HDD	All	All	

G-TECHNOLOGY PRODUCTS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
G-DRIVE	GDREU3EBxxxx1BDB	Desktop external HDD	All	All	
G-DRIVE slim	GDRSU3EAxxx1ADB	Portable external HDD	All	All	
G-DRIVE mobile USB	GDRU3EAxxxx1ADB	Portable external HDD	All	All	
G-DRIVE mobile combo	GDMOCEAxxxx1ADB	Portable external HDD	All	All	
G-DRIVE mini	GDRMU3EAxxxx1BDB	Portable external HDD	All	All	
G-DRIVE w/ Thunderbolt	GDRTHEBxxxx1BDB	Portable external HDD	All	All	
G-RAID	GRADU3EBxxxx2BDB	Desktop external RAID	All	All	
G-RAID mini	GRMU3EBxxxx2BDB	Portable external RAID	All	All	
G-RAID w/ Thunderbolt	GRATHEBxxxx2BAB	Desktop external RAID	All	All	
G-Connect	GCONEAxxx1BFB	WiFi external HDD	All	All	
G-SPEED Q	GSPSPQEBxxxxx4BDB	Performance RAID	All	All	
G-SPEED eS	GSPSPSEBxxxxx4BDB	Performance RAID	All	All	
G-SPEED eS PRO	GSPSPPEBxxxxx4BDB	Performance RAID	All	All	

INTERNAL DRIVE KITS					
Family / Model Name	Model Number	Description	Mfg Date	REACH Compliant PNs	
Mobile 7200RPM	H2IKxxxx3272SE	2.5" internal HDD	All	All	
Mobile 5400RPM	H2IKxxxx854SE	2.5" internal HDD	All	All	
Desktop 7200RPM	H3IKxxxx3272SE	3.5" internal HDD	All	All	
Desktop 7200RPM	HUS7260x0ALE610	3.5" Internal HDD	All	All	
Desktop CoolSpin	H3IKxxxx3254SE	3.5" internal HDD	All	All	
Deskstar NAS	HDN7240x0ALE640	3.5" internal HDD	All	All	
Deskstar NAS	HDN7260x0ALE610	3.5" internal HDD	All	All	