Safety Data Sheet according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product form	: Substance
Substance name	: Silica gel 60
CAS-No.	: 112926-00-8
EC no	: 601-214-2
Type of product	: Pure substance
Formula	: SiO2

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture

: Industrial use , Laboratory chemical

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ISOLAB Laborgeräte GmbH Am Dillhof 2 - 63863 Eschau / GERMANY Tel: + 49 93 74 / 978 55-0 Fax: +49 93 74 / 978 55-29 prodsafe@isolab.de

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Germany	Giftnotruf der Charité CBF, Haus VIII (Wirtschaftgebäude), UG	Hindenburgdamm 30 12203 Berlin	+49 30 19240	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements

: EUH210 - Safety data sheet available on request

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1.	3.1. Substances		
Name		Product identifier	%
Silica gel 6	60	(CAS-No.) 112926-00-8	100

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECT	ION 4: First aid measures	
4.1.	Description of first aid measures	
First-aid	l measures general	: If you feel unwell, seek medical advice.

Silica gel 60 Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017



 Vasit with water and easy. Take value to a doct of iteration persists. Vasit with water and easy. Take value to a doct of iteration persists. Do not apply neutralizing agents. itera-ind measures after eye contact Itera-ind measures after ingestion Itera-ind measures after indexidin Itera-indexiding interaction of the respiratory tract. (Iteraction of any immediate medicat atteration. <li< th=""><th>Doc No: SDS-968.029/2</th><th>Chemicals</th></li<>	Doc No: SDS-968.029/2	Chemicals
 Wash with weter and soap. Take vicin to a doctor l initiation persists. Wash with weter and soap. Take vicin to a doctor l initiation persists. Do not appy neutralizing agents. Wash weter and soap. Take vicin to a doctor l initiation persists. Do not appy neutralizing agents. Wash with weter and soap. Take vicin to a doctor l initiation persists. Do not appy neutralizing agents. Wash with weter and soap. Take vicin to a doctor l initiation persists. Do not appy neutralizing agents. Most important symptoms and effects, both acute and delayed year ingosion give is of water to dink. Consult a doctor/insidial service if you feel urwell. Call Poison information Centre (www.ib) bedonigithm). Most important symptoms and effects, both acute and delayed yropposite/effects after skin contact is ON CONTINUOUS EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. Indication of any immediate medical attention and special treatment needed do additional information available CONTINUOUS EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. Special hazards arising from the substance or mixture Special hazards arising from the substance or mixture Special hazards arising from the substance or mixture Personal precautions, protective equipment and emergency procedures Personal precautions, protective equipment and emergency procedures For one-emergency personal text the danger area. Prevent dust choud formation, e.g. by wetting. Weah contaminated dotted. Reference to other sections Motock and material to containent and eleaning up wind. Dust production: have neighbourhood close doors an windows. Special hazards arising from the substance or vicin. Motock and material to containent and eleaning up Contain refeased substance, purp into subt	First-aid measures after inhalation	: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
irist-aid measures after ingestion irist-aid measures irrist-aid measures	First-aid measures after skin contact	: Wash with water and soap. Take victim to a doctor if irritation persists.
doctorinedical service if you feel univell. Call Poison Information Centre (covid) by a feat part of the poison information Centre (covid) by a feat part of the poison information Centre (covid) by a feat part of the poison information Centre (covid) by a feat part of the poison information Centre (covid) by a feat part of the poison of the respiratory text. 12. Most important symptoms and effects, both acute and delayed (covid) part of the poison of the respiratory text. 13. Indication of any immediate medical attention and special treatment needed (covid) part of the poison of t	First-aid measures after eye contact	: Rinse with water. Take victim to an ophthalmologist if irritation persists. Do not apply neutralizing agents.
symptome: AFTER INHALATION OF DUST: Coupling. Initiation of the respiratory tract. symptome: Singht initiation. controls symptoms: Singht initiation. chronic symptoms: Singht initiation and special treatment needed id additional information available Sumptome: Sector backstrip initiation of any inmediate medical attention and special treatment needed Symptome: id additional information available Sumptome: Sector backstrip initiation of any inmediate medical attention and special treatment needed Symptome: is additional information available Sumptome: Symptome: Sector for fieldpheres Sight initiation or on the use additional information available Sight initiation or on the use additional information available Sector firefighters Sight initiation or on the use additional information available Sight initiation or on the use additional initiation available <	First-aid measures after ingestion	doctor/medical service if you feel unwell. Call Poison Information Centre
symptoms/effects after skin contact : ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. symptoms/effects after sky contact : Slight initiation. ixtionic symptoms : ON CONTINUOUS EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. istionic symptoms : ON CONTINUOUS EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. isticution of any immediate medical attention and special treatment needed isticution of any immediate medical attention and special treatment needed isticution symptoms : ON CONTINUOUS EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. isticution available : No CONTINUOUS Strepton S	4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/effects after eye contact Singht intraiton. Chronic symptoms Singht intraiton. Indication of any immediate medical attention and special treatment needed Image: Contact interpretation treatment needed Is additional information available Extinguishing media Adapt extinguishing media intraiton. Suitable extinguishing media Adapt extinguishing media intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising from the substance or mixture Image: Contact intraiton. Image: Contact intraiton. Special hazards arising interactintal conteneretage. Incone entraiton.	Symptoms/effects after inhalation	
bhonic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Possible inflammation of the respiratory tract. is indication of any immediate medical attention and special treatment needed is indication of any immediate medical attention and special treatment needed is additional information available Exercise and special treatment needed Section S.F. Fire-fighting media : Adapt extinguishing media to the environment. is adapted transmission of the substance or mixture Immediate actinguishing media horw. is adapted transmission available : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard: see "Reactive! Hazard". is position hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see 'Reactive! Hazard". is additional information available : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see 'Reactive! Hazard'. is additional information available : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See ''Naterial-Handing' to select protective cloubing. is additional information available : Gloves. Protective cloubing. Dust cloud production: have neighbourhood close doors and windows. is additional information available : Contain release dust strates. Consult ''Material-Handing' to select protective cloubing. is additional information available : Contain released substance, purp into suitable containnee. Consult ''Material-Handing'' to sele	Symptoms/effects after skin contact	
indication of any immedia attention and special treatment needed i.a. Indication available SECTION 5: Fire-fighting media : Adapt extinguishing media to the environment. Unable actinguishing media : Adapt extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. Unable extinguishing media : No unsuitable extinguishing media to the environment. State extinguishing media : No unsuitable extinguishing media to the environment. State extinguishing media : No unsuitable extinguishing media to the environment. State extinguishing media : No unsuitable extinguishing media State extinguishing media : INDIRECT FIRE HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". State extinguishing precessions : Gloves. Protective clothing. Dust cloud production: compressed ain/oxygen apparatus.		5
Additional information available SECTION 5: Fire-fighting media Section 5: Fire-fighting media Stable extinguishing media Unsuitable extinguishing media Unsuitable extinguishing media Sectial hazards arising from the substance or mixture Ire hazard Sectial hazards arising from the substance or mixture Ire hazard Sectial hazards arising from the substance or mixture Ire hazard: Sectial hazards arising from the substance or mixture Sectial hazards arising from the substance or mixture Sectial hazards arising from the substance or mixture Section 1 information available Stable schinguishing media Is device for firefighters Section 1 information available Section 1 information available Section 1 information available Section 2 information available Section 2 information available Section 3 information available Section 4 information available Protective equipment 'Solves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See mixture in case of dust release 'Material Handing' to selet protective clothing. in case of dust release in case of dust release is devices and material for containment and cleaning up 'Contain released substance, purp into suitable containers. Consult 'Material-handling' to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water staps'. A deficional information available </td <td>Chronic symptoms</td> <td></td>	Chronic symptoms	
Section 5: Fire-fighting measures Section 5: Fire-fighting media Settinguishing media Settingu	4.3. Indication of any immediate me No additional information available	edical attention and special treatment needed
1. Extinguishing media : Adapt extinguishing media to the environment. insuitable extinguishing media : No unsuitable extinguishing media to the environment. iscuitable extinguishing media : No unsuitable extinguishing media known. isc. Special hazards arising from the substance or mixture iffee hazard : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard size er Reactivity Hazard". iscuence : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". iscuence : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". iscuence : INDIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard size ere reactivity Hazard". iscuence : Adapt extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence : Adapt extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence : Adapt extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence : Optimistica extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence : Optimistica extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence : Optimistica extinguishing media to the explosion hazards: see "Reactivity Hazard". iscuence <td></td> <td>700</td>		700
Suitable extinguishing media : Adapt extinguishing media to the environment. Insuitable extinguishing media : No unsuitable extinguishing media known. Suitable extinguishing media : No unsuitable extinguishing media known. Suitable extinguishing media : No unsuitable extinguishing media known. Suitable extinguishing media : INDIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard. Suppose the azard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the azard. : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the azard. : INDIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard. Suppose the azard. : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the azard. : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the azard. : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the azard. : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Suppose the aduption available : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handing" to select protective clothing. Suppose the aduptional inf		
Insuitable extinguishing media : No unsuitable extinguishing media known. 1:2. Special hazards arising from the substance or mixture ifre hazard : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a ifre hazard: see "Reactivity Hazard". 1:2. DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a ifre hazard: see "Reactivity Hazard". 1:3. Advice frifefighters INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". 1:3. Advice frifefighters INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". 1:3. Advice frifefighters INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". 1:4. For non-mergency personnel INDIRECT FIRE HAZARD. Frifefer equipment : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective cloud formation, e.g. by wetting. Wash contaminated cloubes. 1:1. For emergency responders : In case of dust production: keep upwind. Dust production: have neighbourhood close doors an windows. 1:2. Environmental procautions to additional information available : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug he leak, cut off the supply. Knock down/idlute dust cloud with water spray. 1:3. Meth	0 0	· Adapt extinguishing media to the environment
Special hazards arising from the substance or mixture irre hazard : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard'. isposion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard'. iso additional information available : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard'. iso additional information available : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard'. iso additional information available : INDIRECT EXPLOSION Procedures ist.1. For non-emergency personnel : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handing' to select protective clothing. imregency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. isto case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors an windows. ist.2. Environmental precautions : Contain released substance, pump into suitable containers. Consult "Material-handling' to select material of containers. Plug the leak, cut of the supply. Knock down/dilute dust cloud with water spray. isto additional information available : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. is duditional information availa		
irre hazard : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". ixplosion hazard : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Maathia-Handing" to select protective clothing. ixplosional information available : In case of dust release <		
Steplosion hazard : INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". 3. Advice for firefighters Section and information available Section Additional information available Section and the explosion hazards: see "Reactivity Hazard". Section Additional information available Section and the explosion hazards: see "Reactivity Hazard". Section Additional information available Section and the explosion hazards: see "Reactivity Hazard". Section Additional information available : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. Section Additional information available : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Alaxies in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors an window. Alaxies in consel of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors an window. Alaxies in consel of dust release : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alaxies of cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. <td>Fire hazard</td> <td>: DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a</td>	Fire hazard	: DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a
 Advice for firefighters to additional information available ECTION 6: Accidental release measures t1. For non-emergency personnel Protective equipment Gloves, Protective clothing, Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. In case of dust release In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. 6.1. For emergency responders No additional information available 6.2. Environmental precautions Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. A Reference to other sections No additional information available Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under cloud avaluable containers private into in the concentration in the air regularly. Carry operations in the open/under local exhaust/ventiliation or with respiratory protection. (2. Conditions for safe storage, including any incompatibilities 	Explosion hazard	
No additional information available SECTION 6: Accidental release measures 1.1. For non-emergency personnel Protective equipment Environmentary Containers State and the damper and containers Aleasures in case of dust release State and the damper area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release Environmental precautions State and the damper area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release In case of dust release In formation available State and the damper area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. In case of dust release In contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. A Reference to other sections No additional information available Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean containinated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep containers tightly closed. Measure the concentration in the air regularly. Carry operat		
A.1. Personal precautions, protective equipment and emergency procedures A.1. For non-emergency personnel Protective equipment : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : Case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Sto p dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handli	No additional information available	
A.1. Personal precautions, protective equipment and emergency procedures A.1. For non-emergency personnel Protective equipment : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : Case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Aleasures in case of dust release : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Sto p dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handli	SECTION 6: Accidental release r	measures
A1.1. For non-emergency personnel : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Al.1. For emergency responders : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. Al.2. For emergency responders : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean containinated surfaces with an excess of water. Wash clothing and equipment after handling. Alethods for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container open/under local exhaust/ventilation or with respiratory cancer and and respiratory protection. *** : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container open/under local exhaust/ventilation or with respiratory protection. **** : Conditions for safe storage,		
Protective equipment : Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. imergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Aleasures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. st.1.2. For emergency responders ko additional information available st.2. Environmental precautions ko additional information available st.3. Methods and material for containment and cleaning up : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. st.4. Reference to other sections suffaces with an excess of water. Wash clothing and equipment after handling. stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. stop dust cloud by humidifying. Scoop solid spill into closing containeres. Cle		
Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated clothes. Measures in case of dust release : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. i.1.2. For emergency responders : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. i.1.2. For emergency responders : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. i.1.2. Environmental precautions : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. i.3. Methods and material for containment and cleaning up : Contain released substance, pump into suitable containers. Clean contaminated sufficient material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. i.4. Reference to other sections : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated sufficient wash clothing and equipment after handling. i.4. Reference to other sections : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. :2. Conditions for safe storage, including	Protective equipment	: Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. See
windows. windows. s.1.2. For emergency responders windows. to additional information available secondational information available s.2. Environmental precautions wethods and material for containment and cleaning up s.3. Methods and material for containment and cleaning up contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. s.4. Reference to other sections surfaces with an excess of water. Wash clothing and equipment after handling. SECTION 7: Handling and storage Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. *2. Conditions for safe storage, including any incompatibilities	Emergency procedures	: Mark the danger area. Prevent dust cloud formation, e.g. by wetting. Wash contaminated
No additional information available	Measures in case of dust release	: In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows.
i.2. Environmental precautions No additional information available i.3. Methods and material for containment and cleaning up For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Alethods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. i.4. Reference to other sections information available SECTION 7: Handling and storage : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. :2. Conditions for safe storage, including any incompatibilities	6.1.2. For emergency responders	
No additional information available 6.3. Methods and material for containment and cleaning up For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Methods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. 7.2. Conditions for safe storage, including any incompatibilities	No additional information available	
No additional information available A. Methods and material for containment and cleaning up For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Methods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. A. Reference to other sections	6.2. Environmental precautions	
For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Methods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. 6.4. Reference to other sections . No additional information available . SECTION 7: Handling and storage . 7.1. Precautions for safe handling . Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. 7.2. Conditions for safe storage, including any incompatibilities	No additional information available	
For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray. Methods for cleaning up : Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. 6.4. Reference to other sections . No additional information available . SECTION 7: Handling and storage . 7.1. Precautions for safe handling . Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. 7.2. Conditions for safe storage, including any incompatibilities	6.3. Methods and material for conta	ainment and cleaning up
Methods for cleaning up Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. 7.2. Conditions for safe storage, including any incompatibilities	For containment	: Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud
No additional information available SECTION 7: Handling and storage Y.1. Precautions for safe handling Precautions for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Y.2. Conditions for safe storage, including any incompatibilities	Methods for cleaning up	: Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated
No additional information available SECTION 7: Handling and storage Y.1. Precautions for safe handling Precautions for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Y.2. Conditions for safe storage, including any incompatibilities	6.4. Reference to other sections	
Precautions for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Conditions for safe storage, including any incompatibilities	No additional information available	
Precautions for safe handling : Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Conditions for safe storage, including any incompatibilities	SECTION 7: Handling and storad	ae
Comply with the legal requirements. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Conditions for safe storage, including any incompatibilities		
	Precautions for safe handling	installation before use. Avoid raising dust. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the
	7.2. Conditions for safe storage, ine Information on mixed storage	

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



Storage area

Special rules on packaging

: Store in a dry area. Keep container in a well-ventilated place. Meet the legal requirements. SPECIAL REQUIREMENTS: closing. watertight. dry. clean. correctly labelled. meet the legal

Packaging materials

requirements. Secure fragile packagings in solid containers.

SUITABLE MATERIAL: paper. synthetic material. polyethylene. glass. :

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection 8.1. **Control parameters** Silica gel 60 (112926-00-8) Belgium Limit value (mg/m³) 10 mg/m³ (Silices amorphes : précipités (gel de silice); Belgium; Time-weighted average exposure limit 8 h) WEL TWA (mg/m³) United Kingdom 6 mg/m3 Silica, amorphous inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Silica, amorphous respirable dust; 2.4 mg/m3; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)

8.2. **Exposure controls**

Personal protective equipment:

Safety glasses.

Materials for protective clothing:

GIVE GOOD RESISTANCE: rubber

Hand protection:

Gloves

Eye protection:

Safety glasses. In case of dust production: protective goggles

Skin and body protection:

Protective clothing

Respiratory protection:

Dust production: dust mask with filter type P2

Device	Filter type	Condition	Standard
Dust mask	Туре Р2	Dust protection	



SECTION 9: Physical and chemica	al properties
9.1. Information on basic physical an	d chemical properties
Physical state	: Solid
Appearance	: Amorphous solid. Amorphous powder.
Molecular mass	: 60.08 g/mol
Colour	: White.
Odour	: Odourless.
Odour threshold	: No data available
рН	: 7 at 100 g/l 20 °C
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 1710 °C
Freezing point	: No data available
Boiling point	: 2230 °C at 1,013 hPa

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Poorly soluble in water. Substance sinks in water. Soluble in hydrogenfluoride.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
Minimum ignition energy	: Not applicable
VOC content	: Not applicable
Other properties	: Hygroscopic. May generate electrostatic charges.

SECTION 10: Stability and reactivity

10.1. Reactivity

At very high temperature: release of carcinogenic products. Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion.

10.2.	Chemical stability
Hygroso	copic.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
No addi	tional information available
10.5.	Incompatible materials
No addi	tional information available
10.6.	Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information	
11.1. Information on toxicological eff	fects
Acute toxicity	: Not classified
Silica gel 60 (112926-00-8)	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
IARC group	: 3

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - air	Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). TA-Luft Klasse 5.2.1.
Ecology - water :	No water pollutant (surface water). Not harmful to fishes. Not harmful to invertebrates (Daphnia). Insufficient data available on ecotoxicity.
Silica gel 60 (112926-00-8)	
LC50 fish 1	>= 10000 mg/I (EC0; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio)

12.2. Persistence and degradability

Silica gel 60 (112926-00-8)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD) Not applicable	
ThOD	Not applicable

12.3. Bioaccumulative potential

Silica gel 60 (112926-00-8)

Bioaccumulative potential

No bioaccumulation data available.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Silica gel 60 (112926-00-8)	
-----------------------------	--

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Product/Packaging disposal recommendations	: Dehydrate/make insoluble. Remove to an authorized dump. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.	
Additional information	: Can be considered as non hazardous waste according to Directive 2008/98/EC.	
European List of Waste (LoW) code	: 10 12 01 - waste preparation mixture before thermal processing	

SECTION 14: Transport information

In accordance with AD	DR / RID / IMDG / IATA / ADN			
ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper s	shipping name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport h	azard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing gro	oup			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environme	ntal hazards	•	•	•
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
		No supplementary information	on available	

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
15.1.1. EU-Regulations		
No REACH Annex XVII restrictions		
Silica gel 60 is not on the REACH Candidate List		
Silica gel 60 is not on the REACH Annex XIV Lis	st	
VOC content	: Not applicable	
15.1.2. National regulations		
-		
Germany		
VwVwS Annex reference	: Water hazard class (WGK) nwg, Non-hazardous to water (KBwS-Beschluss; ID No. 849)	
WGK remark	 Classification non-water polluting in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 1) 	
12th Ordinance Implementing the Federal	: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)	
Immission Control Act - 12.BImSchV		
Netherlands		
SZW-lijst van kankerverwekkende stoffen	: The substance is not listed	
SZW-lijst van mutagene stoffen	: The substance is not listed	
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: The substance is not listed	
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: The substance is not listed	

15.2. Chemical safety assessment

NIET-limitatieve lijst van voor de voortplanting

No additional information available

giftige stoffen - Ontwikkeling

SECTION 16: Other information

Abbreviations	s and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
EC50	Median effective concentration	
IATA	International Air Transport Association	

: The substance is not listed

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 17/03/2017 Doc No: SDS-968.029/2



IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
PBT	Persistent Bioaccumulative Toxic	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and	

Full text of H- and EUH-statements:	
EUH210	Safety data sheet available on request

Regulation (EC) No 1907/2006.

mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

SDS ISOLAB

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product