

Material Safety Data Sheet WHC Silica Finings

1. PRODUCT AND COMPANY DETAILS

Product
Name of Product: WHC Silica Finings Article number: KS035102 Application of the substance / the mixture PCI9 Intermediate
Details of the supplier of the safety data sheet
Name of Company: WHC Lab Ltd. Address: WHC Lab, Prospect Lower, Newcastle, Co. Wicklow, Ireland, A63 H0K8
Emergency Contact Numbers
Managing Director: Tony O'Kane: +353 87 948 3590 Technical Director: Philip Woodnutt: +353 89 406 8622 Plant Manager: Farrokh Farrokh Pour: +353 87 375 4880 Sales Director: Pete Garraway: +44 779 658 5387
<i>In case of an emergency please contact the local emergency services.</i>

2. HAZARDS

Classification
<i>This product is not classified according to the Globally Harmonized System (GHS).</i>

3. INGREDIENT COMPOSITION

Chemical characterization: Mixtures		
<i>Mixture of the substances listed below with nonhazardous additions.</i>		
Components	CAS Registry Number	Concentration
Water, distilled, conductivity or of similar purity	7732-18-5	65%
Silicon dioxide, chemically prepared	7631-86-9	35%

4. FIRST AID PROCEDURES

Description of first aid procedures	
Contact with Eyes:	Rinse opened eye for several minutes under running water
Contact with Skin:	Generally the product does not irritate the skin
Ingestion:	If symptoms persist consult doctor
Inhalation:	Supply fresh air; consult doctor in case of complaints

5. FIRE FIGHTING MEASURES

Fire Suppression
Use fire fighting measures that suit the environment.
Specific risks associated with the substance
No further relevant information available.
Advice for fire fighters
No special measures required.

6. ACCIDENTAL RELEASE CONTROLS

Safety measures, protective gear, and emergency procedures
Not required.
Environmental precautions
Dilute with plenty of water.
Techniques and supplies for containment and cleanup
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. HANDLING AND STORAGE

Packaging Materials
WHC Silica Finings is available in 24 kg drums.
Storage and Handling
Storage Conditions: It is recommended to keep product in its original unopened packaging in ambient conditions (10°C to 30°C or 50°F to 86°F) to maintain maximum activity. Avoid freezing the product and ensure containers are sealed when not in use. Store in a cool place, away from direct sunlight, to preserve its effectiveness.
Shelf life: As stated on the pack.
Handling: No special measures required. For best results, re-sealed drum and use promptly.
Please note the expiry date on the drum prior to opening.

8. EXPOSURE CONTROLS

Conditions	
General protective and hygienic measures:	The usual precautionary measures for handling chemicals should be followed.
Breathing equipment	Not required.
Protection of hands	Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material	The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	Goggles recommended during refilling.

9. PHYSICAL, CHEMICAL AND MICROBIOLOGICAL PROPERTIES

Parameter	Typical Value
Form	Liquid
Color	Transparent
Odor	Odorless
pH-value at 25°C (77°F)	8.5 to 9.5
Melting point	Undetermined
Boiling point	100°C (212°F)
Flammability	Not applicable
Decomposition temperature	Not applicable
Auto igniting	Product is not selfigniting
Danger of explosion	Product does not present an explosion hazard
Vapor pressure at 20°C (68°F)	23 hPa (17 mm Hg)
Density at 20°C (68°F)	1.15 - 1.25 g/cm ³ (9.597 - 10.431lbs/gal)
Solubility in / Miscibility with Water	Fully miscible
Dynamic at 25°C (77°F)	< 8 mPas
Kinematic	Not determined
Organic solvents	0.0%
Water	65% to 75%
Solids content	25% to 35%

10. STABILITY/REACTIVITY

Conditions to avoid
No further relevant information available
Reactivity
No further relevant information available
Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications
Possibility of hazardous reactions
No dangerous reactions known
Incompatible materials
No further relevant information available
Hazardous decomposition products
No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Skin irritation:	Irritant to skin and mucous membranes.
Eye irritation:	No irritating effect.
Sensitization:	No sensitizing effects known
Additional toxicological information	
The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.	
Carcinogenic categories	
IARC (International Agency for Research on Cancer)	
7631-86-9 silicon dioxide, chemically prepared: 3	

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. ECOLOGICAL INFORMATION**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability:** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Additional ecological information:****General notes:** Generally not hazardous for water**13. DISPOSAL****Waste treatment methods****Recommendation:** Subsequent information refers to the goods as delivered but not to used goods.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents**14. TRANSPORT****Transport Information**

UN-Number <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
UN proper shipping name <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
Transport hazard class(es) <i>DOT, ADR, ADN, IMDG, IATA Class</i>	Void
Packing group <i>DOT, ADR, IMDG, IATA</i>	Void
Environmental hazards	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation"	Void

15. REGULATORY INFORMATION

Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Sara

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

Carcinogenic categories EPA (Environmental Protection Agency): None of the ingredients is listed.

16. OTHER INFORMATION

*The information presented here is based on our current understanding.
It describes the product in terms of the necessary safety precautions.
It does not imply that the product's qualities are guaranteed.*

If you have any questions or concerns about our product please contact us at lab@whclab.com