

MATERIAL SAFETY DATA SHEET



5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents	Non combustible - Use the most suitable agents according to the substances involved in the fire
Extinguishing agents to be avoided	None
Dangers caused by combustion matters	None
Protection measures in case of intervention	None
Additional information	Unflammable

6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods	Collect mechanically in suitable containers by limiting dust formation – Re-use the non-contaminated product – Dispose of the residual material as assimilable waste
Personal-related safety precautions	Do not breathe in dusts
Environmental protection	None

7 – HANDLING AND STORAGE

Handling	Prevent dust formation
Storage	Store in a dry, cool and well-ventilated place

8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection	Anti-dust mask (in case of dust formation)
Skin protection	
Hand protection	Safety gloves (in case of dust formation)
Eyes protection	Safety goggles with side screen – Do not wear contact lenses
Exposure limits	ACGIH 1993-94) TLV-TWA with reference to crystal silica: 0.1 mg/m ³ (quartz) - 0.05 mg/m ³ (tridymite and cristobalite)

MATERIAL SAFETY DATA SHEET



9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state	Powder
	colour	Dark grey
	smell	None
Melting point		
Boiling point		
Density		
Solubility in water		Insoluble
Flash point		
Inflammability limits (vol % in air)		Uninflammable
Autoignition temperature		
pH		
Coefficient of division n-octanol/water		

10 – STABILITY AND REACTIVITY

Conditions to be avoided	Unknown
Products to be avoided	Unknown
Hazardous decomposition products	Unknown

11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation	yes
	Ingestion	no
	Contact	no
Acute toxicity		
Inhalation consequences		Irritation
Ingestion consequences		Unknown
Skin local effects		Unknown
Eyes local effects		Irritation
Additional information		Prolonged inhalation of dusts containing breathable quartz fractions in concentrations higher than limits can cause silicosis

12 – ECOLOGICAL INFORMATION

Low solubility in water - Separable mechanically in water treatment plants - Hardly biodegradable because of its mineral origin – Unlikely bioaccumulation because of its scarce solubility in water – Ecotoxicity: unknown – Small polluting effects because of its scarce solubility in water.

13 – DISPOSAL CONSIDERATIONS

Product	The product can be disposed of as a waste assimilable to the urban waste
Contaminated packages	Empty the package, unfold it completely and dispose of it according to the material

Product: Neoclar
Sheet code: NEOCL(0604)E2

Revision n° 2
Updatings: #

Date of issue: 01/06/04
page 3/4

MATERIAL SAFETY DATA SHEET



14 – TRANSPORT INFORMATION

Product non subject to ADR/RID and IMO regulations, related to road, sea and airway transport of dangerous goods.

15 – REGULATORY INFORMATION

EC labelling	[]	Required by the law
	[]	Temporary
# Classification	[X]	Not required

16 – OTHER INFORMATION

Hazard symbol
Risk phrases

Safety phrases

This material safety data sheet has been issued in accordance with 2001/58/CE.

Before starting the use of this product for any new process or experiment, it must be carried out a deep study on the safety and the compatibility of the product itself with materials it could come in contact with.

The information contained in this safety data sheet is given to protect health and safety at work. No responsibility is taken for possible damages arising from uses of this information for different purposes from the ones here indicated.

Product: Neoclar
Sheet code: NEOCL(0604)E2

Revision n° 2
Updatings: #

Date of issue: 01/06/04
page 4/4