



OAK INDUSTRIAL SUPPLIES

"THE INDUSTRIAL SUPPLIES PEOPLE"

HAMILTON ROAD SUTTON IN ASHFIELD

NOTTINGHAMSHIRE NG17 5LN

TELEPHONE 01623 442222 FAX 01623 441234

HEALTH & SAFETY DATA SHEET

Identification Of The Substance And Supplier

Product Name: **Millgrind 2201**

Name Of Supplier: Oak Industrial Supplies
Hamilton Road
Sutton in Ashfield
Nottinghamshire
NG17 5LN

Business Tel No: 01623 442222

Emergency Tel No: 01484 713201

Product Discription: A Grinding fluid based on a high performance chlorine free micro emulsion with inherent bio resistance. Also has a good wetting characteristics to assist performance.

Application: To be used when diluted with water for grinding applications at a typical strength of 3 - 5%.

Composition/Information On Ingredients.

Chemical nature of the substance or preparation:

Product is a mixture of:

Water

Soaps

Additives

Hazards Identification.

Xi Irritant

Information pertaining to particular dangers for man and environment:

R34 May cause sensitisation by skin contact. Could release formaldehyde.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplying companies

First Aid Measures.

Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

Skin: Instantly wash with water and soap and rinse thoroughly.



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Inhalation: Supply fresh air and call for doctor for safety reasons. In case of unconsciousness bring patient into stable side position for transport

Ingestion: DO NOT INDUCE VOMITING. Seek medical advice.

Fire Fighting Measures.

Suitable extinguishing media: Water haze, Foam, BC Powder, ABC Powder, Carbon Dioxide, Sand.

Extinguishing media which must not be used for safety reasons: Water with a full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products resulting gases: Nitrogen oxide, Carbon monoxide, sulphur oxides, formaldehyde. Under certain fire conditions, traces of other toxic gases cannot be excluded.

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus. Wear full protective suit.

Accidental Release Measures.

Personal Precautions Such As: Prevent Skin and eye contact.

Environmental Precautions Such As: Prevent material from reaching sewage system, holes and cellars. Do not allow to enter drainage system, surface or ground water.

Methods for cleaning up such as: Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose of contaminated material as waste according to item 13.

Handling And Storage.

Handling:

Information for safe handling: Wash hands before work breaks and at the end of working. Take off contaminated clothing.

Storage:

Requirements to be met by storerooms and containers: No Special Requirements.

Information about storage in one common storage facility: Storage temperature 4 - 40 (deg C)

Exposure Controls/Personal Protection.

Components with limit values that require monitoring at the workplace:

Mineral Oil	MAC:	Short-term value:	5mg/m ³
		Long-term value:	5mg/m ³

141-43-5 Monoethanolamine:

6ml/m ³	OEL:	Short-term value:	15mg/m ³ ,
		Long-term value	8mg/m ³ ,

3ml//m³



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Additional information: The lists with limits values that were valid during the compilation of this material safety data sheet were used as basis.

Exposure Controls/Personal Protection Cont.

Personal protective equipment:

General protective and hygienic measures: Take off immediately all contaminated clothing. Wash hands during breaks and at the end of work.

Respiratory equipment: Not necessary if the room is well-ventilated.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective work clothing.

Physical And Chemical Properties.

Appearance:	Fluid	
Odour:	Characteristic	
Colour:	Light Yellow	
Melting point:	< 4 (deg C)	
Boiling point:	100 (deg C)	
Flash point:	N/A	
Flammability:	Not determined	
Relative density: 1.040 g/cm ³	at 15 (deg C)	-
Solubility in water:	Emulsifiable	
PH: value: 10.3	at 20 (deg C)	-
Viscosity kinematic: 3.4mm ² /s	at 40 (deg C)	-

Stability And Reactivity.

Conditions to avoid: At normal use no circumstances to avoid.

Materials to avoid: At normal use no substance to avoid.

Dangerous reactions: At normal use no dangerous reactions.

Hazardous decomposition products: At normal use no hazardous decomposition products.

Toxicological Information

Ingestion: Unknown

Inhalation: Unknown

Skin Contact: Irritation may occur after prolonged contact

Eye Contact: Unknown

Sensitisation: Sensitisation possible by skin contact.



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Additional toxicological information: The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant.

Ecological Information.

Persistence and degradability: Not determined.

Behaviour in environmental system: Not determined.

Mobility and bioaccumulation potential: Not determined.

Ecotoxic effects: Not determined..

Behaviour in sewage processing plants: Not determined

General notes: Do not allow product to reach ground water, water bodies or sewage system. Danger to drinking water if even small quantities leak into soil.

Disposal Considerations.

Product:

Disposal recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.

Uncleaned packages:

Disposal recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Water, if necessary with cleaning agent.

Transport Information.

NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT.

Regularity Information.

Classification according to EC guidelines:

The product has been classified and labelled in accordance with EC directives.

Symbol and hazard classification of product: Xi Irritant.

Hazard-determining components of labelling: Triazine derivative.

Risk phrases: R34 May cause sensitisation by skin contact.

Safety phrases: S24 avoid contact with skin. S37 Wear suitable gloves.

Other Information.

The information relates only to the specific materials designated herewith and may not be valid for this material when used in conjunction with any other materials or in any other process.