



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: **Oakcool R**

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

Business Tel No: 01623 442222

Product Discription: A high performance water diluted product which is chlorine and phenol free. The resultant mix is a microfine emulsion which is suitable for all difficult operations over a wide range of metallurgies.

Application: To be used in diluted form at a typical working strength of 20:1 but may be used up to 15% where the application requires an increased strength.

Composition/Information On Ingredients.

Chemical nature of the substance or preparation:

Product is a mixture of:

Mineral Oil
Water
Esters
Soaps
Additives

Hazardous components:

Mineral Oil / 100%	Lable free	30
Oxazolidine deriv. (CAS: 66204-44-2) 5%	Xn; R22-36/37/38	1 /
Phosphate based additive 5%	Xi: R36/38	1 /



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Hazards Identification.

Information pertaining to particular dangers for man and environment:

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.

General information: no special measures required.

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

Skin: Wash with water and soap

Inhalation: Supply fresh air; consult a doctor in case of symptoms.

After swallowing: DO NOT INDUCE VOMITING; seek medical advice.

Fire Fighting Measures.

Suitable extinguishing media: Water haze. Foam, BC 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, Phosphor 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: 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.

Additional information: No dangerous materials are released.

Handling And Storage.

Handling:

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

Information about protection against explosions and fires: No Special measures required



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Storage:

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

Information about storage in one common storage facility: Storage temperature 4 - 35 (deg C)

Exposure Controls/Personal Protection.

Components with limit values that require monitoring at the workplace:

Mineral Oil Lable Free

	MAC:	Short-term value:
5mg/m3		
5mg/m3		Long-term value:

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

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals

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:	Amber		
Melting point:	< 4 (deg C)		
Boiling point:	100 (deg C)		
Flash point:	N/A		
Flammability:	Not determined		
Relative density:	at 15 (deg C)	-	
0.977 g/cm3			
Solubility in water:	Emulsifiable		
PH: value:	at 20 (deg C)	-	9.6
Viscosity kinematic:	at 40 (deg C)	-	
51.8 mm2/s			

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.



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Toxicological Information

Ingestion: Unknown

Inhalation: Unknown

Skin Contact: Irritation may occur after prolonged contact

Eye Contact: Unknown

Sensitisation: No sensitising effect known.

Additional toxicological information: The product is not subject to classification according to the calculation method of the general EC Classification Guidelines for Preparations as issued in the latest version. When used handled according to specifications, the product does not have any harmful effects according to our experienced and the information provided to us.

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.

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.

Remarks: Products contains organophosphorous compounds

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 DANEROUS FOR TRANSPORT.

Regularity Information.

Classification according to EC guidelines:

The product is not subject to classification according to the claculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.



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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.