

SAFETY DATA SHEET

Dispex

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name** Dispex**Product number** P3390**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Viscosity controlling agent for ceramic slips and glazes.**1.3. Details of the supplier of the safety data sheet****Supplier** Pottery crafts Ltd.,
Campbell Road,
Stoke-on-Trent,
Staffordshire,
UK. ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk**1.4. Emergency telephone number****Emergency telephone** +44(0) 1782 745000 Office Hours Mon-Friday 08:45 – 16:30 hours.**SECTION 2: Hazards identification****According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200****Classification of the product**

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

High risk of slipping due to leakage/spillage of product.

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**Emergency overview****CAUTION:**

May cause some eye irritation which should cease after removal of the product.

Section 3. Composition / Information on Ingredients**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

CAS Number	Weight %	Chemical name
79-10-7	0.2 - < 0.3%	acrylic acid

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

CAS Number	Weight %	Chemical name
79-10-7	0.2 - < 0.3%	acrylic acid

Section 4. First-Aid Measures**Description of first aid measures****General advice:**

Remove contaminated clothing.

If inhaled: Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.**If on skin:** Wash thoroughly with soap and water.
If irritation develops, seek medical attention.**If in eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
dry powder, carbon dioxide, water spray, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon oxides

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.

7. Handling and Storage

Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and in a cool place.

Storage stability:

Storage temperature: $\geq 5\text{ }^{\circ}\text{C}$
Avoid extreme heat.
Protect from temperatures below: $5\text{ }^{\circ}\text{C}$
Protect from temperatures above: $40\text{ }^{\circ}\text{C}$

8. Exposure Controls/Personal Protection



Advice on system design:

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

Respiratory protection not required.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild
Odour threshold:	not determined
Colour:	light yellow
Melting point:	not applicable
Boiling point:	approx. 100 °C
Flash point:	not applicable
Flammability:	not flammable
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling. Autoignition: not applicable
Vapour pressure:	not determined
Density:	1.27 g/cm ³ (20 °C)
Relative density:	1.27 (20 °C)
Partitioning coefficient noctanol/water (log Pow):	not applicable
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if used correctly
Viscosity,	dynamic: not determined
Solubility in water:	soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties: not fire-propagating

Chemical stability The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions Stable under normal conditions.

No hazardous reactions known.

Conditions to avoid Avoid excessive temperatures.

Incompatible materials strong oxidizing agents

Hazardous decomposition products

Decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition: No decomposition if used correctly.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral	Type of value: LD50 Species: rat Value: > 5,000 mg/kg
Inhalation	Type of value: ATE Value: > 20.0000 mg/l
Determined for vapor	Type of value: ATE Value: > 5.0000 mg/l
Dermal	Determined for mist Type of value: LD50 Value: > 2,000 mg/kg
Irritation / corrosion	Assessment of irritating effects: Not irritating to eyes and skin.
Skin	Result: non-irritant
Eye	Result: non-irritant
Sensitization	Assessment of sensitization: No sensitizing effect.
Chronic Toxicity/Effects	
Genetic toxicity	Assessment of mutagenicity: The substance was not mutagenic in bacteria.
Carcinogenicity	Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.
Reproductive toxicity	Assessment of reproduction toxicity: No data available.
Teratogenicity	Assessment of teratogenicity: No data available.
Other Information	The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.
Symptoms of Exposure	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity	
Aquatic toxicity	
Assessment of aquatic toxicity:	There is a high probability that the product is not acutely harmful to aquatic organisms.
Toxicity to fish	LC50 > 100 ppm (calculated)
Persistence and degradability	
Assessment biodegradation and elimination (H2O)	Moderately/partially biodegradable.
Bioaccumulative potential	
Bioaccumulation potential	Significant accumulation in organisms is not to be expected.
Additional information	
Sum parameter	Chemical oxygen demand (COD): (calculated) 900 mg/g Biochemical oxygen demand (BOD): (calculated) < 10 mg/g
Other ecotoxicological advice:	Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

13. Disposal considerations

Waste disposal of substance:	Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
Container disposal:	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.
RCRA:	Not a hazardous waste under RCRA (40 CFR 261).

14. Transport Information

Land transport	
USDOT	Not classified as a dangerous good under transport regulations

**Sea transport
IMDG**

Not classified as a dangerous good under transport regulations

**Air transport
IATA/ICAO**

Not classified as a dangerous good under transport regulations

15. Regulatory Information**Federal Regulations**

Registration status: Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

HMIS III rating

Health: 1 Flammability: 0 Physical hazard: 0

16. Other Information

SDS Prepared by: Product Regulations Dept.

SDS Prepared on: 27/06/2016

Revision 8

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Hazard statements in full NC : Not Classified

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.