MASTER SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THECOMPANY/UNDERTAKING

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Varna

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Product name : **MASTERFIX® Normal**

LV70 : 24686 Issue Date : 08.04 Ref.: 00715

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance : Carboxymethyl hydroxypropyl ether. Pregelatinized.

Name	CAS- No.	EINECS	Classification
2-Hydroxymethylaminoethanol, ~ 8 mg/g	34375-28-5		
Carboxymethyl hydroxypropyl ether	69331-40-4	2332-679-6	Xn R22,38,41
Sodium hydroxide	1310-73-2		Xi R 36/38

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3. HAZARDS IDENTIFICATION

The pure ingredient is harmful (Xn)

Harmful if swallowed (R 22)
Irritating to skin (R 38)
Risk of serious damage to eyes (R 41)

The concentration of this ingredient in the product is below the warning level. To judge the hazard take into consideration the contribution of the ingredient to the product.

Sodium hydroxide (CAS nr. 1310-73-2) has been used in the preparation of the substance. The pure ingredient, sodium hydroxide, is irritating (Xi).
Irritatin to eyes and skin (R 36/38).
The alkaline substance itself do not fall in this classification.

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4. FIRST-AID MEASURES

Because of the described character as mentioned in Section 3
Eye Contact

In case of contact with eyes, rinse immedately with plenty of water and seek medical advice (S 26)

Skin Contact

After contact with skin, wash immediately with plenty of water (S28)

Inhalation
Remove to fresh air if effects occur.

Ingestion
Do not induce vomiting. Seek medical attention

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5. FIRE-FIGHTING MEASURES

Extinguishing Media

Water. Carbon dioxide fire extinguishers, foam, dry powder, water fog or fine spray. Dry chemical fire extinguishers.
Determine the need to evacuate or isolate the area according to your local emergency plan.

Hazards during fire fighting

None known.

Specific Fire or Explosion Hazards
A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out.

Hazardous combustion products
Silica. Carbon oxides and traces of incompletely burned cabon compounds. Formaldehyde.

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6. ACCIDENTAL RELEASE MEASURES

For personal precautions see Section 8 under personal protective equipment. No special environmental precautions are recommended.

Methods for cleaning up .

After spillage of leakage remove the waste in dry form if possible, otherwise flush with plenty of cold or hot water. Wet material on floor surface oanbe a slipping hazard.

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7. HANDLING AND STORAGE

Appropriate technical measures should be taken to dispose of dust by ventilation or vacuum cleaning. Anyhow avoid excessive raising dust of loose material. Therefore regular removing deposit of dust is recommended.

Store the product cool and dry protected against extreme weather condidtions. Specific instructions regarding separation from incompatible preducts are not relevant.
Keep the packaging well closed and sound.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

In case of raising dist the use of brething protection is recommended.

To exclude all possible hazards as mentioned in Section 3 when handling the product in an poen system:
Wear suitable gloves and eye / face protection (S 37/39)

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Flakes
colour:	Off white
Odour :	Specific
pH value:	~ 10.5 (30 g/l H2O)
Bulk density:	~ 300 kg/m3
Solubility in water:	Colloidal despersable in cold water (20 C)
Change in physical state:	No change in solid state till process of combustion.
Flash point:	No development of volatile and inlammable Vapours till process of combustion
Explosion properties:	This product has no explosion properties in nature

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10. STABILITY AND REACTIVITY

This product has already lost the original microscopical structure of granules by the physical process during production.

There is no thermal decomposition if used as directed. In case of complete combustion the decomposition products carbon dioxide (CO2)and water (H2O)are formed.

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11. TOXICOLOGICAL INFORMATION

This product is not toxic and does not contain ingredients which can be considered as such.

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12. ECOLOGICAL INFORMATION

This product has influence on human health (see Section 3 and 4) and is therefore suspicious ot be : ecotoxic or not completely biodegradable.

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13. DISPOSAL CONSIDERATIONS

Taking into consideration the local authority regulations, it may be land filled or incinerated together with household refuse.

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14. TRANSPORT INFORMATION

This product is not classified as dangerous goods according to the international regulations for transport by land, inland waterways, sea and air.
Further information: This product can be declared as “starch”

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15. REGULATORY INFORMATION

Generally this product is not subjected to the regulations for mandatory marking, however take into consideration the possible existence of local regulations.

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16. OTHER INFORMATION

This product is meant to be used for conventioanl technical applications.

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