

SAFETY DATA SHEET

4006 Liquid Developer Concentrate (Part: 600-010)



1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME 4006 Liquid Developer Concentrate (600-010)

Producer/Distributor	Kepets GmbH	Mega Electronics Ltd
Address:	Nordstrasse 24, Schoffengrund	Mega House, Grip Industrial Estate Linton, Cambridge
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2. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	EC No:	CAS No:	Conc. (wt%)	Classification:
1	Sodium Metasilicate	NCC	NCC	33%	Xn, R36/37/38, R22

Legend: T+ = Very toxic, T= Toxic, C+ = Corrosive, Xn+ Harmful, Xi= Irritant, E= Explosive, O=Oxidising, F+= Extremely Flammable, F= High Flammable, N=Dangerous for the environment

3. HAZARDS IDENTIFICATION

Harmful: Harmful by inhalation and if swallowed, Inorganic substance. Avoid entry into drainage system.

4. FIRST AID MEASURES

GENERAL INFO. Remove affected person from source of contamination. Get medical attention if discomfort continues.

INHALATION Remove From Exposure area to Fresh Air.

SKIN CONTACT Irrigate Thoroughly With Soap And Water. Remove Contaminated Clothing.

EYE CONTACT Irrigate Thoroughly With Water. Obtain Medical Attention.

INGESTION Rinse Mouth Out With Water. Do Not Induce Vomiting. Seek Medical Attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Water Spray, Foam, Dry Powder Co2

FIRE & EXPLOSION HAZARDS N/A

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Wear Respiratory Protection. Avoid Contact With Skin And Eyes
Do not eat, drink or smoke.

ENVIRONMENTAL PRECAUTIONS Avoid Entry Into Drainage System And Earth

METHODS FOR CLEANING UP Dry, Collect And Put Into Suitable Container For Disposal. Liquid: Absorb In Sand Or Other Inert Material And Put Into Suitable Container For Disposal.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Harmful If Swallowed. Always Wear Suitable Protective Clothing (Sec. 8)
No Local Exhaust Ventilation Is Required If Used According To Instructions.
Use personal protective equipment as specified in Section 8.

HANDLING ADVICE:

STORAGE: Store Only In Suitable Polyethylene Containers Ensuring They Are Tightly Closed. Store At Room Temperature. Keep From Freezing When Mixed. No Local Exhaust Ventilation Required If Used According To Instructions

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES
HAND PROTECTION
EYE PROTECTION
PROTECTIVE CLOTHING
HYGENIC MEASURES

No Local Exhaust Ventilation Required If Used According To Instructions.
Wear Protective Rubber Gloves.
Wear Protective Glasses.
If ventilation is insufficient when mixing, wear respiratory protection to EN140.
DO NOT SMOKE IN WORK AREA
Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material

9. PHYSICAL AND CHEMICALS PROPERTIES

Physical State:	Liquid	Colour:	Clear
Odour:	No characteristic odour	Oxidising Properties:	Strong Oxidiser
Melting Point / range:		Relative Density:	1.50g / Cm ³
Expl. limit LEL-UEL%:		Solubility in water	Unlimited
Vapour Pressure:		Saturation conc:	
Decomposition temp:		Rel. dens. sat. air (air=1)	
pH Solution		Boiling point / range	90°C
Flash Point	N/A	pH-VALUE, CONC. SOLUTION	13.5

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID
MATERIAL TO AVOID

Observe Usual Precautions When Handling Chemicals
Avoid Contact With Concentrated Acids

11. TOXICOLOGICAL INFORMATION

INHALATION No specific health warnings noted.
SKIN CONTACT Irritating Effect, No Acute Toxicity.
EYE CONTACT Irritating Effect, No Acute Toxicity.
INGESTION Ld50 (Oral Rat): 1490mg / 1 Kg.

12. ECOLOGICAL INFORMATION

TOXICITY No Acute Toxicity But Avoid Entry Into Drainage System. Inorganic Preparation.
MOBILITY N/A

13. DISPOSAL INFORMATION

GENERAL REGULATIONS Always Dispose Of According To Local Government Regulations.
Neutralisation Of Spent Solution.
Neutralise To Ph Of 8.5 – 9.0 By Addition Of Acidic Solution. Solids Will Separate Out. Decant / Filter The Liquid. Solids May Be Incinerated. Before Putting Liquid To Drain Neutralise To Ph Of 6.5 – 8 By Addition Of Acidic Solution.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods Yes No Not applicable

GENERAL: UN1760 - CORROSIVE LIQUID N.O.S.

ADR.RID:	Class	8	Packing Group:	III	Not translated:		Hazard id:
IMDG:	Class	8	Packing Group:	III	Sub Risk:	EMS:	Marine Pollutant: NO
IATA:	Class	8	Packing Group:	III	Sub Risk:	Label:	

15. REGULATORY INFORMATION

R-PHRASES R22 Harmful If Swallowed
R36 / 37 / 38 Irritating To Eyes. Irritating To Respiratory System. Irritating To Skin. Harmful If Swallowed

S-PHRASES S26 In Case Of Contact With Eyes, Rinse Immediately With Plenty Of Water and Seek Medical Advice.
S28 After Contact With Skin Wash Immediately With Plenty Of Soap and Water
S/36/37 Wear Suitable Protective Clothing And Gloves

Recommended Uses And Restrictions: Use Only As Directed.

UK REGULATORY REFERENCES Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES Workplace Exposure Limits EH40.

16. OTHER INFORMATION

INFORMATION SOURCES: This safety data sheet has been prepared on the basis of information given by raw material suppliers

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