



SAFETY DATA SHEET CPD5 DEVELOPER

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME	CPD5 Developer – Mega Parts: 12-15500, 12-15501 & 12-15502	
Producer/importer	Kepets GmbH	Mega Electronics Limited
Address	Nordstrasse 24 Schoffengrund, Laufdorf	Mega House, Grip Industrial Estate Linton, Cambridge
Country	Germany	ENGLAND
Postal code	D-35641	CB21 4XN
Telephone	+49 6445 5023	+44 (0) 1223 893900
Fax		+44 (0) 1223 893894

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	SODIUM METASILICATE	NONE	NONE	11%	Xn: R22. R36,35,38

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

COMPOSITION COMMENTS: For use as Surfactants cleaning, washing agents, Foaming agents.

4. FIRST AID MEASURES

INHALATION:

REMOVE FROM EXPOSURE 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.

MEDICAL NOTES: N/A

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Use water spray,

UNSUITABLE EXTINGUISHING MEDIA

SPECIAL HAZARDS

PROTECTIVE CLOTHING FOR FIRE-FIGHTING

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS . AVOID ENTRY INTO DRAINAGE SYSTEM AND EARTH

WORKPLACE PRECAUTIONS DO NOT EAT, DRINK OR SMOKE.

METHODS FOR CLEARING 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.

STORAGE INCLUDING ANY SPECIAL REQUIREMENTS (TEMPERATURE, VENTILATION, ETC)

STORE ONLY IN SUITABLE POLYETHYLENE CONTAINERS ENSURING THE 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

name						
SODIUM METASILICATE						

PROTECTIVE EQUIPMENT



WEL = WORKPLACE EXPOSURE LIMITS.

ENGINEERING CONTROLS/ VENTILATION

NO LOCAL EXHAUST VENTILATION REQUIRED IF USED ACCORDING TO INSTRUCTIONS.

RESPIRATORY PROTECTION

PROTECTIVE MASK REQUIRED WHEN MIXING.

EYE PROTECTION

WEAR PROTECTIVE GLASSES.

HAND PROTECTION

WEAR PROTECTIVE RUBBER GLOVES

SKIN PROTECTION

ALWAYS OBSERVE ALL USUAL PRECAUTIONS WHEN HANDLING CHEMICALS. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.		
Colour:	Clear.		
Odour	None		
Relative Density:	1.035 – 1.039 @ 20°C	ACIDITY/ALKALINITY pH: 13.	RELATIVE DENSITY: 1.50
pH Value:	10 at 1% w/w in water	BOILING POINT 90°C	

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: OBSERVE USUAL PRECAUTIONS WHEN HANDLING CHEMICALS

MATERIALS TO AVOID: AVOID CONTACT WITH CONCENTRATED ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS: INCLUDE DI AND HCl N/A

HAZARDOUS POLYMERISATION WILL NOT OCCUR N/A

11. TOXICOLOGICAL INFORMATION

EFFECT OF EYE CONTACT: IRRITATING EFFECT, NO ACUTE TOXICITY.

EFFECT OF SKIN CONTACT: IRRITATING EFFECT, NO ACUTE TOXICITY.

EFFECT OF INHALATION: N/A

EFFECT OF INGESTION: LD50 (ORAL RAT): 1490mg / 1 kg.

Any known data on sensitisation carcinogenicity, mutagenicity, teratogenicity, or narcosis NO EVIDENCE

12. ECOLOGICAL INFORMATION

NAME SODIUM METASILICATE
NO ACUTE TOXICITY BUT AVOID ENTRY INTO DRAINAGE SYSTEM. INORGANIC PREPARATION.

13. DISPOSAL CONSIDERATIONS

ALWAYS DISPOSE OF ACCORDING TO LOCAL GOVERNMENT REGULATIONS.

NEUTRALISATION OF SPENT SOLUTION.

NEUTRALISE TO Ph of 8.5 – 9.0 SOLIDS WILL SEPARATE OUT. DECANT / FILTER THE LIQUID. SOLIDS MAY BE INCINERATED. BEFORE PUTTING LIQUID TO DRAIN NEUTRALISE TO Ph of 6.5 – 8.

14. TRANSPORT INFORMATION

GENERAL Not classified as hazardous for transport
No Transport warning sign required.

15. REGULATORY INFORMATION

PRODUCT TRADE NAME / DESIGNATION: CPD5 DEVELOPER **CONTAINS:** SODIUM METASILICATE

LABELLING



Irritant

RISK PHRASE Nos. & Words:

R22 HARMFUL IF SWALLOWED

R36, 37, & 38 IRRITATING TO EYES. IRRITATING TO RESPIRATORY SYSTEM. IRRITATING TO SKIN.

SAFETY PHRASE Nos. & WORDS:

S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVISE.

S28 AFTER CONTACT WITH SKIN WASH IMMEDIATELY WITH PLENTY OF SOAP AND WATER

S/36/37 WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES

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:

Dangerous Properties of Industrial Chemicals, N.Sax, Croner's: Dangerous Substances. Croner's: Emergency Spillage Guide. Croner's: Substances Hazardous to Health. Material Safety Data Sheet, Misc. manufacturers.

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