

Safety Data Sheet

Revision Date : 5.4.2017

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1. Identification of the substance/preparation and of the company/undertaking

Product: CPD 5
Use: DEVELOPER
Company: MEGA ELECTRONICS LTD
THE GRIP INDUSTRIAL ESTATE
LINTON
CAMBRIDGE
CB21 4XN
TEL: 01223 893900 FAX 893894
Emergency telephone: +44 (0) 1223 893900 (office hours only)

2. Hazards identification



Warning

H290 May be corrosive to metals.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation

3. Composition/information on ingredients

A mixture of surface active ingredients , Sodium Metasilicate and Water.

Contains 5%-15% Sodium Metasilicate (Na_2SiO_3)
CAS No.6834-92-0 - EC No.229-912-9

4. First-aid measures

In case of contact with eyes, rinse immediately with plenty of clean, flowing water and seek immediate medical attention.

In case of contact with skin, rinse immediately with plenty of clean, flowing water.
Seek medical attention if there is persistent irritation.

If ingested, drink copious amounts of fresh water and seek immediate medical attention.
Do not promote vomiting.

5. Fire-fighting measures

Use extinguisher suitable to the cause of the fire.

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6. Accidental release measures

Avoid contact with eyes and skin. Do not breathe dust.
Transfer to a suitable container by scoop or similar implement.
Dispose of in accordance with local authority guidelines.
Small spillages may be flushed away with plenty of water to a drain or sewer.

7. Handling and storage

Avoid contact with eyes and skin and avoid breathing dust.

Use glass, ceramic, plastic (not polycarbonate) or stainless steel vessels for working solutions

Keep the product dry. Store at ambient temperature, out of direct sunlight, sealed in the container in which it is supplied, and away from strong acids and aluminium.

Stored correctly, CPD 5 has a shelf life of 5 years.

8. Exposure controls/personal protection

Wear safety goggles, nitrile or PVC gloves and a dust mask when handling.

Clothes should be protected with an alkali resistant apron.

9. Physical and chemical properties

Dri-Decon is a finely milled, dry white powder, having faint odour.

Melting point:	880°C.
Boiling point:	Not applicable.
Bulk Density:	0.86 - 0.96 grammes per cc.
Vapour pressure:	Not applicable.
Evaporation rate:	Not applicable.
Viscosity:	Not applicable.
Solubility:	Completely soluble in water.
pH value:	pH 12.1 - 1% solution in water (typical).
Air contamination limit:	1.5mg. per cubic metre, expressed as Na ₂ O

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9. Physical and chemical properties Continued

Flammability: Not applicable.

Flash point: Not applicable.

Ignition temperature: Not applicable.

Explosive properties: Not applicable.

10. Stability and reactivity

Thermal decomposition: Partial decomposition at very high temperatures.

Hazardous thermal decomposition products : Carbon dioxide (CO₂).

Hazardous reactions: May react violently with strong acids.
May produce hydrogen in contact with aluminium.

Further information: Will tend to corrode non-ferrous metals, notably aluminium and zinc.

11. Toxicological information

Will cause irritation to eyes and skin. Will cause irritation to respiratory tract

If ingested, will cause irritation to gastro-intestinal tract.

12. Ecological information

Acceleration of weed and algae growth by phosphates.

Biodegradable.

Ready biodegradability by OECD 301E (ISO method 7287 - 1986(E)).

13. Disposal considerations

Dispose of in accordance with regional and/or national regulations.

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14. Transport information

UN Number : None
IMDG code : None
ADR/RID : None
ICAO/IATA : None
Shipping name : As commercial name.

15. Regulatory information

Pictogram:



Signal word: Warning

A chemical safety assessment for this mixture has not been carried out.

16. Other information

Not suitable for domestic applications.

Precautionary Statements:

P102 Keep out of reach of children.
P260 Do not breathe dust/fumes/gas/vapors/mist/spray.
P262 Do not get in eyes, on skin or on clothing.
P280 Wear protective gloves, protective clothing, eye / face protection.
P284 Wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do so.
Continue rinsing.
P337+P313 If eye irritation persists, get medical advice/attention.

Every effort has been made to ensure that the information contained in this Safety Data Sheet is accurate, but we cannot accept liability for any loss, injury or damage which may result from its use. Data given in this Safety Data Sheet is solely for guidance in the safe handling, storage and use of the product by customers and does not form part of any specification.