

Health & Safety data Sheet – SURCLEAN Powerclean 400

1. Identification of Chemical, The Manufacturer and the Importer

1.1 Product Identification and Trade Name – SURCLEAN Powerclean 400

1.2 Identification of Manufacturer – Surclean, SMT Technology Centre,
Prospect Road, Cowes, Isle of Wight, PO31 7AD, United Kingdom
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2. Composition and Information on Ingredients

2.1 General description: A mixture of alcohol and proprietary aprotic solvent for use in electronic manufacture and assembly.

2.2 Hazardous Ingredients:

Name of Ingredient	Concentration	Warning Symbol	Cas/UN Number
Proprietary Aprotic solvent	> 25 %	H319/H315	--
1-Methoxy propan-2-ol	< 55 %	H319/H335/H226	3092
Ethanolamine	>15 %	H319/H315/H302	Cas 141-43-5

3. Hazards Identification

Odour: Slight Alcohol aroma

Appearance: Colourless liquid

Contact with skin: Prolonged skin contact will result in de-fatting of the skin, irritation and possible dermatitis

Inhalation: Irritating to eyes and respiratory system (R36/37). May cause dizziness, confusion, headache or stupor.

4. First aid measures

Contact with skin

Wash the affected area with plenty of soap and water.

Afterwards a suitable moisturizing skin cream can be applied.

Contact with eyes

If material has got into eyes, wash out immediately with plenty of water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Give plenty of water to drink.

Seek medical attention if irritation persists.

Inhalation & General

Remove the patient from the source of exposure to fresh air and lie down. Seek medical advice if necessary. If casualty is unconscious, place in recovery position.

5. Fire fighting measures

In case of fire use water spray or fog, alcohol resistant foam, dry chemicals or CO2 (S43).

Do not use water jets.

Wear breathing apparatus.

Toxic fumes may be given off (Carbon Oxides / Nitrous Oxides).

6. Accidental release measures

Clean up procedures

Absorb spillage in a suitable inert material.

Place into an appropriate container.

Wear protective clothing (as per exposure controls / protection section).

Do not flush spilt material into public water system.

7. Handling & Storage

Handling

Avoid contact with skin and eyes (P262).

Wear suitable gloves and facial / eye protection (P280).

When using do not eat, drink or smoke (P270).

Storage

Keep container sealed and store in a cool, well-ventilated place.

8. Exposure controls / personal protection

Production environment measures

Do not use undiluted material in a confined space without good ventilation.

Personal protection

Wear butyl rubber gloves. (P280)

When using, do not eat drink or smoke (P270).

Wear facial shield or goggles giving complete eye protection. (P280)

Wear impervious apron or other light protective clothing. (P280/P281)

Exposure limits

1-Methoxy propan-2-ol

OES / LTEL 100 ppm 375 mg/m³

OES / STEL 300 ppm 1120 mg/m³

Proprietary Aprotic solvent

OES / LTEL 100 ppm recommended maximum.

9. Physical & Chemical Properties

Odour: slight fragrance.

Appearance: colourless liquid.

Boiling point: > 100 deg.C.

Density: 1.01 (water = 1)

PH level: 11.3

10. Stability & Reactivity

Stable.

11. Toxicological information

May cause irritation.

In cases of severe exposure, dermatitis can develop.

12. Ecological information

Completely biodegradable.

13. Disposal consideration

Dispose in accordance to local, state or government regulations.

14. Transport information

Not classified as hazardous for transport.

15. Regulatory information

Classification & labeling

This data sheet is provided in compliance with: The Chemical (CLP) Information and GHS 2015 Regulations.

Indication of Danger: Exclamation mark.

Classification: Irritant.

National & International regulations: No ozone depleting chemicals are used in this product or any of the processes involved in its manufacture.

Contains no non REACH, SVHC, or other EC restricted substances.

Precautionary Phrases

Keep in a cool place (P235)

Keep containers in well-ventilated place (P403)

Wear eye / face protection (P280).

Hazard Phrases

Causes eye irritation – H319

Harmful if swallowed – H302

Causes skin irritation – H315



IRRITANT

16. Other Information

Use only as directed.

The information contained above has been compiled from that provided by our suppliers and other sources. None of the original information relating to hazards or potential hazards has been omitted. Therefore the absence of a particular reference merely implies either that such information has not been determined or that it is not applicable to this particular product. Any amendments that may become necessary will be published and forwarded to users.

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