



MATERIALS SAFETY DATA SHEET

Silcleen 100 Dry Cleaning Fluid

Version 4

Last update 22-02-2015

SECTION 1. COMPANY IDENTIFICATION

Company Details

Company Name	Green Earth Australasia Pty Ltd (ACN 110 750 233)
Address	410 Unley Road, Unley Park S.A. 5061
Telephone	(08) 8271-4666
Emergency Telephone	0411 568 915 (Adrian Brocken)
Fax Number	(08) 8373-3533

SECTION 2. COMPOSITION

SINGLE OR MIXTURE:	Single
CHEMICAL IDENTIFICATION:	Dimethylcyclopolysiloxane

HAZARDOUS COMPONENT(S)/ (CAS No.):
Decamethylcyclopentasiloxane / (541-02-6) [Combustible Liquid]: 100%

(See Section 8 of this MSDS for Exposure Guideline)

SECTION 3. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION:	None (based on IMO)
Combustible Liquids (based on DOT) FIRE AND EXPLOSION:	Combustible

POTENTIAL HEALTH EFFECT:

INHALATION	No significant irritation expected from a single exposure.
SKIN contact	May cause slight skin irritation. Causes drying of skin.

EYES contact	May cause slight eyes irritation.
INGESTION	Low-harmful

SECTION 4. FIRST AID MEASURES

INHALATION	Remove to fresh air.
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SKIN contact	Remove product from skin with dry cloth or towel, and wash exposed area with detergent.
EYES contact	immediately flush with water for at least 15 minutes.
INGESTION	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT (method used):	77 degrees C (Closed cup)
FLAMMABLE LIMITS:	
LOWER:	Not measured
UPPER:	Not measured
EXTINGUISHING MEDIA:	Foam, dry chemical or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURE:	None
UNUSUAL FIRE AND EXPLOSION HAZARD:	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Shut off all ignition sources.
Contain the spill or leak.
Scrape up with rag and place in container

SECTION 7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Keep container closed when not in use.
Store in a cool place.
Keep away from heat, sparks and flame.
Do not lay the container on its side.
Use with adequate ventilation.
Avoid prolonged breathing vapour.
Avoid contact with eyes and prolonged or repeated skin contact.
Keep out of reach of children.

* * * * * Information about the emptied container * * * * *

Do not re-use this container.
This container will be very hazardous when emptied.
Residues will be explosive or flammable.

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Keep away from heat, sparks and flame.

Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

ACGIH TLV-TWA:

Not established,

OSHA PEL:

Not established

RESPIRATORY PROTECTION:
type)

Use respiratory protection unless adequate local (specify exhaust ventilation is provided. (Organic vapour type)

VENTILATION:

LOCAL EXHAUST:

Recommended

MECHANICAL (general):

Adequate ventilation system

SPECIAL:

Unknown

OTHER:

Unknown

PROTECTIVE GLOVES:

Plastic film or rubber gloves

EYE PROTECTION:

Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash equipment

WORK/HYGIENIC PRACTICES:

Keep away from heat, sparks and flame.

Avoid prolonged breathing vapour.

Avoid contact with eyes and prolonged or repeated skin contact.

Wash hands and gargle after handling

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:

210 degrees C

VAPOR PRESSURE:

1.0mmHg (20 degrees C)

VAPOR DENSITY (air=l) :

>1

SPECIFIC GRAVITY:

0.96 (25 degrees C)

MELTING POINT:

-38 degrees C

EVAPORATION RATE:

<1 (Butyl Acetate=l

SOLUBILITY IN WATER:

Not soluble «1 ppm)

APPEARANCE (colour):

Colourless, transparent

APPEARANCE (form):

Fluid

ODOR:

Essentially odourless

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SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITION TO AVOID:	None
INCOMPATIBILITY (material to avoid):	None
HAZARDOUS DECOMPOSITION OR BY-PRODUCT:	None
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITION TO AVOID:	None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION:	Patch Test (24Hr/Open) Almost Negative
EYE IRRITATION:	EYE-RABBIT: Mild
SENSITIZATION:	No evidence of sensitization
ACUTE TOXICITY (LD50):	LD50 (Oral/Rat) : >5g/kg
ACUTE TOXICITY (LC50):	LC50 (Inhalation/Rat) : >5g/m3/Hr

(Estimated by similar dimethylcyclosiloxane)

SUBACUTE TOXICITY:

Repeated inhalation or oral exposure of mice and rats to decamethylcyclopentasiloxane produced an increase in liver size. No gross histopathological or significant clinical chemistry effects were observed.

An increase in liver metabolizing enzymes, as well as a transient increase in the number of normal cells (hyperplasia) followed by an increase in cell size (hypertrophy) were determined to be the underlying causes of the liver enlargement. The biochemical mechanisms producing these effects are highly sensitive in rodents, while similar mechanisms in humans are insensitive.

CHRONIC TOXICITY:	No information is available.
CARCINOGENICITY:	NTP: Not listed, IARC: Not listed,
OSHA REGULATED:	Not listed
MUTAGENICITY:	Negative (Bacteria)
REPRODUCTIVE EFFECT:	No information is available.
TERATOGENIC EFFECT:	No information is available.
OTHER INFORMATION:	None

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION:	No evidence of biodegradation
BIOACCUMULATION:	May cause bioaccumulation.
AQUATIC TOXICITY:	No information is available.
OTHER INFORMATION:	Vapour undergoes indirectly photolysis in the troposphere.

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SECTION 13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose of the emptied container unless the contents have been completely removed and container has been flushed with a clean neutral solvent and then dried up.
Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION

<IMO INFORMATION>

ID No. :	None
CLASSIFICATION AND CLASS:	None
PACKAGING GROUP:	None
PROPER SHIPPING NAME:	None
TECHNICAL SHIPPING NAME:	None
MARINE POLLUTANT:	None

<DOT INFORMATION>

ID No. (49CFR 172.101):	NA 1993
HAZARD CLASS (49CFR 172.101):	Combustible Liquid
PACKING GROUP (49CFR 172.101):	III
PROPER SHIPPING NAME (49CFR 172.101):	Combustible Liquids, N.O.S.
TECHNICAL SHIPPING NAME:	Organosiloxane

DOT REPORTABLE QUANTITY (49CFR 172.101, APP.)
HAZARD SUBSTANCE(S) NAME / (CAS No.), CONTENTS AND RQ
Not applicable

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:
Listed on the TSCA Inventory.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES
(EINECS) STATUS:

Listed on the EINECS.

LABELING ACCORDING TO EC-REGULATIONS REQUIRED:

SYMBOL	Not required
R-PHRASE	Not required
S-PHRASE	Not required
CONTAINS	None

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WGK CLASSIFICATION (Water Resources Act in Germany): WGK=I

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA)

TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372.

This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical(s) contained in this product are:

CHEMICAL NAME/ (CAS No.) AND CONTENTS

** None **

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 Chemical(s) under the statute.

The California Proposition 65 Chemical(s) contained in this product are:

CHEMICAL NAME/ (CAS No.) AND CONTENTS ** None **

SECTION 16. OTHER INFORMATION

For Industrial Use Only

The details contained herein are based on our present state of knowledge and experience and are to characterize our product with regard to any possible safety requirement. We do however pass them on without any warranty or property assurances. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the products is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.