

TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	info@trulux.com.au
Website:	www.trulux.com.au
Contact number:	+61 2 5566 0566

1.2 PRODUCT IDENTIFICATION

Trade name:	Diatomaceous Earth
SKU:	RMTR-0220A
Classification:	Refer to clause 2

1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses:	Raw Material
Uses advised against:	No further information available.

1.4 DETAILS OF THE SUPPLIER OF THE SUBSTANCE INFORMATION SHEET

Supplier's name:	Trulux Pty Ltd
Website:	www.trulux.com.au
Address:	C3/ 1-3 Rodborough Road, Frenchs Forest NSW 2086 Australia

Trade Name: Diatomaceous Earth
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Doc: RMSDS - Diatomaceous Earth

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1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

PHYSICAL AND CHEMICAL HAZARDS

No classification.

Human Health

QUARTZ: STOT RE 1 – H372.

Environment

NO CLASSIFICATION

LABEL ELEMENTS

GHS PICTOGRAM



Signal Word

DANGER

Hazard Statement

H372 Causes damage to lungs through prolonged or repeated exposure via inhalation.

Precautionary Statements

P260 Do not breathe dust.

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P285 In case of inadequate ventilation wear respiratory protection.

P501 Dispose of contents/containers in accordance with local regulations.

Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration (%)	PEL AND TLV (except as noted)
Flux Calcined Diatomaceous Earth (DE)	68855-54-9	100	
This product may contain up to 54% Crystalline Silica:			
Cristobalite	14464-46-1	< 50	0.025mg/M3 RESPIRABLE CRISTOBALITE, ACGIH
Quartz	14808-60-7	< 4	0.025mg/M3 RESPIRABLE QUARTZ, ACGIH

4 FIRST AID MEASURES

Inhalation

Remove to fresh air. Drink water to clear the throat and blow nose to evacuate dust.

Eyes

Flush eyes with large quantities of water. If irritation persists, consult a physician.

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5 FIRE FIGHTING MEASURES

Flash Point (Method)

Non-flammable.

Unusual Fire or Explosion Hazards

None.

Special Fire-Fighting Procedure

None.

6 ACCIDENTAL RELEASE MEASURES

Procedure for Spill/ Leak

Vacuum clean dust with equipment fitted with hepa filter.

Use a dust suppressant such as water if sweeping is necessary.

7 HANDLING AND STORAGE

Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags immediately. Continue to follow all sds/ label warning when handling empty containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Goggles

Goggles or safety glasses with side shields are recommended.

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Gloves

Not normally required.

Respirator

<10X PEL, use an n95 quarter or half mask respirator;

<50X PEL, use a full face respirator equipped with n95 filters;

<200X PEL, use a powered air purifying respirator (positive pressure) with n95 filters;

>200X PEL, use a full face, type c supplied air respirator (continuous flow mode).

Ventilation

Use sufficient natural or mechanical ventilation to keep dust level below PEL.

ACGIH TLV

0.025 mg/M3 respirable cristobalite / quartz dust.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Fine white powder, no odour.
Specific Gravity (water = 1):	2.3
Volatile by Volume:	Nil.
Water solubility:	Negligible.
pH:	9.0 - 10.5

10 STABILITY AND REACTIVITY

Chemical Stability:	Material is stable.
Possibility of Hazardous:	Hazardous polymerization cannot occur.

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Conditions to Avoid: None in designed use.

Incompatible Materials: Hydrofluoric Acid.

11 TOXICOLOGICAL INFORMATION

Summary

This product contains crystalline silica (CS), which is considered a hazard by inhalation. LARC has classified CS as carcinogenic for humans (group 1). CS is listed by NTP as a known human carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease.

12 ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

13 DISPOSAL CONSIDERATIONS

Waste is not hazardous as defined by rcra (40 CFR 261). Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

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14 TRANSPORT INFORMATION

D.O.T. Proper Shipping Name

Earth, Diatomaceous, Crude or Ground

Hazard Classification

Not Classified.

Reportable Quantities

N/A

UN (United Nations), NA (North America) Number

N/A

15 REGULATORY AND OTHER INFORMATION

Safety, health and environmental regulations specific for the mixture or substance:

OSHA Hazard Communications Standard, 29 CFR 1910.1200

Material is considered hazardous, see section 3.

RCRA: This material is not defined as hazardous waste per 40 cfr 261.

TSCA: This material is listed in the tsca inventory, and is not otherwise regulated by TSCA sec. 4, 5, 6, 7 or 12.

CERCLA: Material is not reportable under cercla, local requirements may vary.

SARA: 311/312 hazard categories -immediate and delayed health, 313 reportable ingredients - none.

Canada: This product is listed on the DSL.

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California Proposition 65

WARNING. This product can expose you to chemicals including crystalline silica, which is known to the state of California to cause cancer.

EU (REGULATION (EC) N° ° 1272/2008

This material is labelled and supported accordingly with GHS standards.

European Inventory of Existing Chemicals (EINECS)

All of the components of this product are included on EINECS.

16 OTHER INFORMATION

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition or other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. This sheet completes the technical sheets but it does not replace them. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Trulux Pty Ltd assumes no legal responsibility or liability whatsoever resulting from its use. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. This listing must not be considered exhaustive. It does exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regard to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.

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