



1. Product identifier & identity for the chemical

Product Identifier	CUT 'N DRY Sorptive Dust Insecticide
Active Constituent	Diatomaceous Earth, Amorphous Silica
Other means of Identification	Agricultural herbicide. Grow Choice product code number: 3002 AVPMA registered number: 62100
Recommended use of the chemical and restrictions on due	Insecticide dust for control of insects in stored grain.
Suppliers name, address and phone number:	Grow Choice Pty Ltd 113 Fitzroy Street TAMWORTH NSW 2340 Phone: 02 6766 3979 Email: admin@growchoice.com.au
Emergency phone number:	In Case Of Emergency Dial 000
Poisons Information Centre	Phone: 13 11 26 and speak to a Poisons Information Specialist. Fax: +61 2 9845 3597 http://www.chw.edu.au/poisons/contact.htm

2. Hazard Identification

This product is **NOT CLASSIFIED** as Hazardous in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC: 1008(2004) 3rd Edition and the Globally Harmonized System of Classification and Labelling of Chemicals (the GHS).
This product is **NOT CLASSIFIED** as dangerous for transport according to the ADG 7th Edition.

3. Composition/information on ingredients

Chemical ingredients: CAS number and other unique identifiers: Concentration of ingredients:	Component	CAS No	Proportion
	Amorphous Silica	61790-53-2	100%

Other information:
Mineralogy:

4. First Aid Measures

Swallow	If swallowed, DO NOT induce vomiting. Rinse mouth out with water if patient is conscious. If irritation persists seek medical attention.
Eye:	If product gets in eyes, remove contact lenses if wearing and wash it out immediately with water for several minutes. Seek medical attention.
Skin:	Remove contaminated clothing and wash affected areas thoroughly with soap and water. Seek medical attention if irritation develops and persists or are concerned.
Inhaled	Move affected person to fresh air and keep at rest until recovered. Drink a glass of water to clear throat and blow nose to evacuate dust. If irritation persists see a doctor or if at all worried.
Advice to doctor	Treat symptomatically. The hazard from the product is the same as from any fine, inert dust. The product absorbs moisture and may cause dryness in contact with mucous membranes. Pre-existing upper respiratory and lung conditions such as bronchitis, emphysema or asthma may be aggravated by exposure to the dust.
Medical Attention and Special Treatment	In Case Of Emergency Dial 000 and/or Poisons Information Centre: Phone: 13 11 26 and speak to a Poisons Information Specialist with a copy of this SDS or chemical Label.

5. Fire Fighting Measures (cont on page 2)

	Allow trained fire fighters to attend to fire and provide copy of this safety data sheet.
Suitable extinguishing media	Waterspray, dry chemical or foam.
Specific hazards arising from the chemical	Product will not burn.
Special protective equipment and precautions for fire fighters	Fire fighters should wear Safe Work Australia approved self-contained breathing apparatus (AS/NZS 1715/1716) and full protective gear. Keep unnecessary people away. If it can be done safely, remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of extinguishing agent and spillage safely later. Contamination of water bodies should be avoided.

6. Accidental release measures (continued page 2)

Personal precautions, protective equipment and emergency procedures	In case of spillage it is important to take all steps necessary to: Instruct and ensure all bystanders to keep away from and upwind of spill/leak. Avoid eye and skin contact; Do not breath dust; Ensure adequate ventilation.
Environmental precautions	Avoid contamination of waterways. Refer to Section 8 for Personal Protection Equipment (PPE).

Methods and materials for containment and cleaning up Reposition any leaking containers so as to minimise leakage. Vacuum clean or wet sweep the spillage. Dam and absorb spill with an absorbent material (eg sand or soil). Shovel the absorbed spill into drums. Use vacuum equipment with high efficiency particulate air filters or sweep up without dust generation. Collect in a suitable, closed container to dispose and clean the spilled area with water.

7. Handling and Storage

Precautions for safe handling Safe work practices are recommended. Avoid contact with eyes and skin. When opening the container and preparing spray wear appropriate PPE (refer Section 8). Do not spray under high wind conditions.

Hygiene measures: When using products, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly with soap and water after use and before eating, drinking, smoking/using tobacco, chewing gum, using the toilet or applying cosmetics. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Avoid contact with eyes and skin.

Conditions for safe storage, including any incompatibilities: Keep out of reach of children, unauthorised persons and animals. Store in tightly sealed original containers in a dry secure place away from fertilizers, feed and food. Store out of direct sunlight and extreme temperature. Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Control parameters – exposure standards, biological monitoring **Exposure Standards:** TWA: None specified: consider 10 mg/m³; STEL: None specified: consider 10mg/m³; Peak Limitation (if any): None; Skin Sensitiser (if any): none. This value is for inspirable dust containing no asbestos and <1% crystalline silica.

Emergency Limits: TEEL-0 = 6(ppm), TEEL-1 = 18(ppm), TEEL-2 = 30(ppm), TEEL-4 = 500(ppm)

Appropriate engineering controls Control process conditions to avoid contact. Use in a well-ventilated area only. Use local exhaust ventilation to keep exposure levels below the exposure limits above.

Personal protective equipment (PPE) When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC chemical resistant and face shield or goggles.

Face and Eye Protection: Face shield or goggles.

Clothing: Cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat.

Gloves: Elbow-length chemical resistant PVC gloves.

Respiratory: If airborne concentrations are likely to exceed the exposure standards above or if exposed to dust, an AS/NZS 1715/1716 approved respirator should be worn.

Recommended to use Australian and New Zealand Standard PPE:

Overalls	AS 3765, Clothing for protection against Hazardous chemicals
Gloves:	AS/NZS 2161, Industrial safety gloves and mittens (not electrical and medical gloves)
Goggles and face shield	As/NZS 1337, Eye protectors for industrial applications.
Footwear	AS/NZS 2210, Occupational protective footwear
Respirators	AS NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices AS/NZS 1716, Respiratory Protective Devices

Requirements Concerning Training Check State and/or Territory regulations that require people who use pesticides in their job or business to have adequate training in the application of the materials.

9. Physical and chemical properties

Appearance, form, colour and odour	White to light grey coloured dust with no odour (non-crystalline)
pH (1% deion. Water);	No data available.
Melting point	1500°C
Boiling point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability	Not flammable
Vapour pressure	Not applicable.
Relative density (water)	400-500 kg/m ³ bulk density
Solubility in water	Negligible
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity	Not applicable

10. Stability and Reactivity

Chemical stability Product is considered stable and high temperatures will not degrade it.

Conditions to avoid Store in dry area out of direct sunlight.

Hazardous decomposition products Hazardous polymerization will not occur.

11. Toxicological information

Information on routes of exposure and symptoms related to exposure	Swallow/Ingestion: This product is a physical irritant to the gastro-intestinal tract, though is considered not hazardous due to the physical form of the product.
Chronic exposure	Eye: Not classified as an irritant under the GHS, though may cause discomfort if direct contact is made.
Immediate, delayed and chronic health effects from exposure	Skin: This product is considered nonhazardous under the GHS, but good hygiene practices should be followed when preparing and using the product. Open cuts and abrasions should be covered securely as entry into the blood stream may produce systematic injuries.
Exposure Levels	Inhaled The product is thought not to produce respiratory irritation, but with prolonged use/exposure may cause respiratory discomfort. Person with impaired respiratory function and airway disease may incur further disability if excessive concentrations of particles are inhaled. Refer Section 8 for PPE.

12. Ecological information

Eco toxicity	Not available.
Persistence and degradability	Not available
Bio -accumulative potential	Not available.
Mobility in soil	Not available.

13. Disposal considerations (continued on page 4)

Disposal of product	On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).
For all multi-walled paper bags or foil lined paper bags.	KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well-ventilated area and out of direct sunlight. Shake bag contents until bag is empty. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty bags in a local authority landfill. If no landfill is available, bury the bags below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty bag and product should not be burnt. Discharge excess spray slurry onto absorbent ground or soil.

14. Transport information

It is considered good practice not to transport agricultural chemical products with food, food related materials and animal feed products.

Land Transport:	Not classified as dangerous under the ADG Code 7 th Edition
Air Transport:	Not classified as dangerous under the ICAO-IATA.
Sea Transport:	Not classified as dangerous under the IMDG

15. Regulatory information

Poisons Schedule number	Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) – Poison Schedule:
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16. Other information

Date of Review	This Safety Data Sheet (SDS) was completed 7 May 2020 and replaces MSDS 27 April 2015.
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Acronyms:

AVPMA: Australian Pesticides and Veterinary Medicines Authority.
GHS: Globally Harmonised system of Classification and Labelling of chemicals
HSIS: Hazardous Substances Information System
NOHSC: National Occupational Health and Safety Commission
CAS No.: unique numerical identifier assigned by Chemical Abstracts Service (division of the American Chemical Society)
TWA: Exposure Standard - time weighted average
STEL Exposure standard - short term exposure limit.
mg/m³ Milligrams of substance per cubic metre of air at 25°C and one atmosphere pressure. The value is exact.
AS/NZS: Australian Standards and New Zealand Standards for Personal protective equipment
ADI: Acceptable Daily Intakes For Agricultural And Veterinary Chemicals
EMS Number:
ADG: Australian Dangerous Goods
IMDG: International Maritime Code of Dangerous Goods
IATA: International Air Transport Association

End of SDS

DISCLAIMER:

This SAFETY DATA SHEET has been developed according to the Work Health and Safety Regulations (WHS Regulations) Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals December 2011. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this SAFETY DATA SHEET is to describe product in terms of their safety requirements. Grow Choice Pty Ltd makes no representation of merchantability, fitness for a particular purpose of application, or of any other nature with respect to the information or the product to which the information refers ("the product"). The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to the use of the product. The physical data shown herein are typical values based on the material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with Relevant Federal, State and Local Government regulations.