

SAFETY DATA SHEET

DRYSOLVE-E

Version No.: 1.5

ISSUED Date: 22/01/2020

ISSUED BY A Whistle & Co Pty Ltd

1. IDENTIFICATION

PRODUCT NAME: Drysolve-E

OTHER NAMES: Electodry Drysolve
Electro Drysolve

USE: Upholstery and drapery cleaner

COMPANY NAME: A Whistle & Co Pty Ltd

ADDRESS: Unit 2, 55 Pacific Highway,
Bennett's Green NSW 2290 Australia

TELEPHONE: 02 4911 4600
FAX: 02 4951 4531

EMERGENCY PHONE NUMBER: 02 4911 4600

EMERGENCY ADVICE: Poisons Information Centre 13 11 26

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).

Aspiration Hazard: Category 1
Flammable Liquids: Category 4

Signal Word(s):
DANGER

Hazard Statement(s):
AUH066 Repeated exposure may cause skin dryness or cracking.
H227 Combustible Liquid.
H304 May be fatal if swallowed and enters airways.

Pictogram(s):
Health Hazard



Precautionary Statement – Prevention:

P210 Keep away from heat / sparks / open flame / hot surfaces – No Smoking.
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Precautionary Statement – Response:

P301 + P310 IF SWALLOWED: Immediately call a Poison Centre or Doctor / physician.

P331 DO NOT induce vomiting.

P370 + P378 In case of fire: Use carbon dioxide, dry chemical, foam or water mist for extinction.

Precautionary Statement – Storage:

P403 + P235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

Precautionary Statement – Disposal:

P501 Dispose of contents / container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The classification as a carcinogen or mutagen does not apply since the substance contains less than 0.1% w/w benzene (EINECS no 20-753-7).

Ingredients:

CHEMICAL NAME	CAS#	PROPORTION
Naphtha (petroleum), Hydrotreated heavy	64742-48-9	60 – 100%
2-Propanol, 1-Mrthoxy-	107-98-2	< 10%
Ingredients determined not to be hazardous		Balance

4. FIRST-AID MEASURES**Inhalation:**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion:

DO NOT induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected people place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.

Skin:

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye Contact:

If in eye, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities:

Eyewash and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

Other Information:

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 11 26) or a doctor at once.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media:**

Carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products:

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

Specific Hazards Arising from the Chemical:

Combustible. This product will burn if exposed to fire.

Decomposition Temperature:

Not available

Fire Fighting Precautions:

Fire fighters should wear Self Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray must be used to cool down heat exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Wear appropriate personal protection equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 – The Storage and Handling of Flammable and Combustible Liquids.

Storage Regulations:

Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit Values:

No exposure standards have been established for this material. However, the available exposure limits are listed below:

Isoparaffinic Hydrocarbon

TWA: 1710 ppm, 1200 mg/m³ (Manufacturer's recommendation)

Oil Mist, Refined Mineral

TWA: 5 mg/m³

2-Propanol, 1-Methoxy-

TWA: 100 ppm, 369 mg/m³

STEL: 150 ppm, 553 mg/m³

Xylene

TWA: 80 ppm, 350 mg/m³

STEL: 150 ppm, 655 mg/m³

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day.

Biological Limit Values:

No biological limits allocated

Appropriate Engineering Controls:

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours / mists below the exposure standards, suitable respiratory protection must be worn. Refer to the relevant regulations for further information concerning ventilation requirements.

Refer to AS1940 – The Storage and Handling of Flammable and Combustible Liquids and AS/NZS 60079.10.1:2009 Explosive Atmospheres – Classification of Areas – Explosive Gas Atmospheres, for further information concerning ventilation requirements.

Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure than an approved respirator with a replaceable vapour / mist filter should be used. Refer to the relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection:

Safety glasses with side shields, chemical goggles or full face shield as appropriate should be used. Final choice of appropriate eye / face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform to AS/NZS 1337 – Eye Protection for Individual Applications.

Hand Protection:

Wear gloves of impervious material such as nitrile or neoprene. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessment undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational Protective Gloves – Selection, Use and Maintenance.

Body Protection:

Suitable protective work wear, e.g. cotton overalls buttoned at neck and waist recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear Liquid
Colour	Not available	Odour	Not available
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	Not available	Solubility in Water	100%
Specify Gravity	Not available	pH	Not available
Vapour Pressure	Not available	Vapour Density (Air = 1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not Available	Partition Coefficient: n-octanol / water	Not available
Density	Not available	Flash Point	> 63° C (Pensky Martens Closed Cup)
Flammability	Combustible liquid	Auto Ignition Temperature	Not available
Flammable Limits – Lower	Not available	Flammable Limits – Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal conditions of storage & handling.

Conditions to Avoid:

Heat, open flames and other sources of ignition.

Incompatible Materials:

Strong oxidising agents.

Hazardous Decomposition Products:

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Possible Hazardous Reactions:

Reacts with incompatible materials.

Hazardous Polymerisation:

Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information:

No toxicity data available for this material. The available acute toxicity data for the ingredients are given below.

Acute Toxicity – Oral:

2-Propanol, 1-Methoxy-:

LD50 (Rat): 3739 mg/kg

Ingestion:

May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death. May cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.

Inhalation:

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin:

May be irritating to skin. The symptoms may include redness and itching. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

Eye:

May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory Sensitisation:

Not expected to be a respiratory sensitiser.

Skin Sensitisation:

Not expected to be a skin sensitiser.

Germ Cell Mutagenicity:

Not considered to be a mutagenic hazard.

Carcinogenicity:

Not considered to be a carcinogenic hazard.

Reproductive Toxicity:

Not considered to be toxic to reproduction.

STOT-Single Exposure:

Not expected to cause toxicity to a specific target organ.

STOT-Repeated Exposure:

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard:

May be fatal if swallowed and enters airways.

Other Information:

Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Chronic exposure may have adverse effects on the central nervous system, liver and kidneys.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Not ecological data available for this material.

Persistence and Degradability:

Not available.

Mobility:

Not available.

Bioaccumulative Potential:

Not available.

Other Adverse Effects:

Not available.

Environmental Protection:

Prevent this material from entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code – 7th Edition).

Marine Transport (IMO / IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO / IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Associate (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number: None allocated

U.N. Proper Shipping Name: COMBUSTIBLE LIQUID – CLASS C1 Flashpoint >61° - 150° C

Transport Hazard Class(es): None allocated

Special Precautions for User: Not available

IMDG Marine Pollutant: No

Transport In Bulk: Not available

15. REGULATORY INFORMATION

Regulatory Information:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule:

S5

Hazard Category:

Harmful

16. OTHER INFORMATION

Date of preparation or last revision of SDS:

SDS Date of Preparation: 22 January 2020

Issue Date: 22 January 2020

Supersedes: 2 May 2016

Reason for Update: Review & Correction of Typographical Errors

References:

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point:

Technical Manager - Phone: (02) 4911 4600

END OF SDS