

MATERIAL SAFETY DATA SHEET**DRYLUBE - A00069****1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

- 1.1 Product identification:** Product Name: Drylube (DWS product code A00069)
Synonyms: Talc, Talcum, Hydrated Magnesium Silicate, French Chalk
- 1.2 Relevant identified uses of the substance:** Laboratory use, Cosmetics, Pharmaceuticals, Personal Care
- 1.3 Supplier of the safety data sheet:** Don Whitley Scientific Limited
14 Otley Road
Shipley
West Yorkshire
BD17 7SE
United Kingdom

Telephone: +44 (0)1274 595728
Fax: +44 (0)1274 531197
Email: info@dwscientific.co.uk
- 1.4 Emergency telephone number:** Telephone (UK): +44(0)1274 595728 – office hours only

2. IDENTIFICATION OF HAZARDS**2.1 Classification of the substance or mixture:**

Classification (EC 1272/2008):	Physical and chemical:	Not Classified
	Human Health:	Not Classified
	Environmental:	Not Classified

Classification (1999/45/EEC): Not Classified

Environment: The product is not expected to be hazardous to the environment

- 2.2 Label Elements:** Label in accordance with EC 1272/2008: No pictogram required.
Supplemental Label information: EUH 210 - Safety data sheet available on request

- 2.3 Other Hazards:** None.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Mixtures:**

Chlorite:	10-25%	CAS-No. 1318-59-8	EC No. 215-285-9
Classification (EC 1272/2008):	Not classified		
Classification (67/548/EEC) :	Not classified		
Hydrated Magnesium Silicate:	50-100%	CAS-No. 14807-96-6	EC No. 238-877-9
Classification (EC 1272/2008):	Not classified		
Classification (67/548/EEC) :	Not classified		

The full text of all R-Phrases and Hazard statements are displayed in Section 16.
The data presented above are in accordance with current EU Directives.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

General information:	Get medical attention if any discomfort continues.
Inhalation:	Move into fresh air and keep at rest.
Ingestion:	Rinse mouth thoroughly with water. Do not induce vomiting.
Skin contact:	This product is intended for use in contact with skin and is normally harmless. Wash skin with soap and water as necessary.
Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if present and easy to do. Open eyes wide apart.

4.2 Most important symptoms and effects, both acute and delayed:

Skin Contact:	Effects unlikely. No specific symptoms noted.
Eye contact:	May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed:

No specific recommendations, but first aid may still be required in case of accidental inhalation or ingestion of this product. If in doubt, GET MEDICAL ATTENTION PROMPTLY.

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:** Water spray, foam, dry powder or carbon dioxide.
- 5.2 Special Hazards:** Specific Hazards: Oxides of carbon
- 5.3 Advice for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid generating excess dust.
- 6.2 Environmental precautions:** Spillages or uncontrolled discharges into water courses must be IMMEDIATELY NOTIFIED to the Environment Agency (UK) or other appropriate regulatory body.
- 6.3 Methods and material for containment and cleaning up:** Remove spillage with vacuum cleaner. If not possible, collect with shovel, broom or the like. Transfer to a container for disposal. Wash contaminated area with water.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid generating or spreading dust. Avoid inhalation of dust.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in tightly closed original container in a dry, cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Name	Standard	TWA – 8 hours	STEL – 15 Min
Chlorite	} WEL	4 mg/m ³ respirable dust	10 mg/m ³ total dust
Hydrated Magnesium Silicate	} (Workplace	1 mg/m ³	
Talc	} Exposure Limit)	1 mg/m ³	

8.2 Exposure Controls

Protective equipment:	Wear eye protection and respiratory protection when handling large quantities of product (<i>e.g.</i> spillages)
Engineering measures:	Provide adequate ventilation. Observe workplace / occupational exposure limits and minimise the risk of inhalation of dust.
Hygiene measures:	Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking, and using the toilet. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties:

Appearance: Powder, dust	Colour: White/ off white	Odour: Odourless
Solubility: Insoluble in water	Melting Point: >1250°C	Relative density: 2.7 - 2.8
pH (diluted solution): Approximately 9 – 10		

9.2 Other information: None

10. STABILITY AND REACTIVITY

10.1 Reactivity:	No known reactivity hazards associated with this product.
10.2 Chemical stability:	Stable under the prescribed storage conditions.
10.3 Possibility of hazardous reactions:	Not determined.
10.4 Conditions to avoid:	Avoid excessive heat for prolonged periods of time.
10.5 Incompatible materials:	None.
10.6 Hazardous decomposition products:	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicological effects:	Inhalation: May cause irritation to the respiratory system.
	Ingestion: May cause discomfort if swallowed.
	Skin contact: May cause slight irritation for some individuals
	Eye contact: Irritating to eyes.

12. ECOLOGICAL INFORMATION

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills could have harmful or damaging effects on the environment.

12.1 Toxicity:	Acute Fish Toxicity: Not considered toxic to fish
12.2 Persistence and degradability:	The product is not expected to be biodegradable
12.3 Bioaccumulative potential:	No data available on bioaccumulation.
12.4 Mobility In soil:	The product is insoluble in water and will spread on the water surface.
12.5 Results of PBT and vPvB assessment:	This product does not contain any PBT or vPvB substances.
12.6 Other adverse effects:	No information required.

13. DISPOSAL CONSIDERATIONS

Waste product should be treated as controlled waste. Dispose to licensed waste disposal site in accordance with local authority requirements.

14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID)

- 14.1 UN number:** No information required.
- 14.2 UN proper shipping name:** No information required.
- 14.3 Transport hazard class:** No information required.
- 14.4 Packing group:** No information required.
- 14.5 Environmental hazards:** Environmentally Hazardous: No Marine Pollutant: No
- 14.6 Special precautions for user:** No information required.
- 14.7 Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code:**
No information required.

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**
Not applicable
- 15.2 Chemical Safety Assessment:**
No Chemical safety assessment has been carried out.

16. OTHER INFORMATION

Risk Phrases In Full: Not Classified (NC)
(used in sections 2 and 3)

Legal disclaimer: The information in this material safety data sheet is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Don Whitley Scientific Limited provides no warranty with respect to this information and disclaims all liability associated with its use.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.