

DriWay + Dry Extraction Powder

SAFETY DATA SHEET

SECTION 1: Identification

1.1 Product identifier

Product name DriWay + Dry Extraction Powder

1.4 Supplier's details

Name HOSPECO
Address 10966 Industrial Parkway
Bolivar OH 44612

Telephone 330-874-1017

1.5 Emergency phone number(s)

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Combustible dusts
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
—	May form combustible dust concentrations in air

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash exposed areas thoroughly after handling.

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P272
P280
P302+P352
P305+P351+P338

P332+P313
P333+P313
P362+P364
P363

Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection/face protection/protective gloves.
IF ON SKIN: Wash with plenty of water/...
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sulfuric acid, mono-C10-16-alkyl esters, sodium salts

Concentration > 5 - > 10 % (weight)
CAS no. 68585-47-7

- Eye damage/irritation, Cat. 1
- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 2

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage

2. Anionic Polymer*

Concentration > 0 - < 5 % (weight)

- Eye damage/irritation, Cat. 1

H318 Causes serious eye damage

3. 33% Hydrogen Peroxide Solution*

Concentration > 0 - < 5 % (weight)

- Hazardous to the aquatic environment, short-term (acute), Cat. 2
- Acute toxicity, oral, Cat. 4
- Oxidizing liquids, Cat. 3
- Eye damage/irritation, Cat. 1
- Hazardous to the aquatic environment, long-term (chronic), Cat. 4

H272 May intensify fire; oxidizer
H302 Harmful if swallowed
H318 Causes serious eye damage
H401 Toxic to aquatic life
H413 May cause long lasting harmful effects to aquatic life

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4. Citrus Terpene Surfactant*

Concentration > 5 - < 10 % (weight)

- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1B
- Hazardous to the aquatic environment, short-term (acute), Cat. 2
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H226	Flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

5. D-Limonene

Concentration > 0 - < 5 % (weight)

EC no. 227-813-5

CAS no. 5989-27-5

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 1
- Hazardous to the aquatic environment - long-term hazard, Cat. 1
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Move to fresh air. Call a physician if symptoms develop or persist.
In case of skin contact	Remove contaminated clothing immediately and wash skin with soap and water.

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In case of eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed

Rinse mouth. Get medical attention if symptoms occur.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

5.2 Specific hazards arising from the chemical

Airborne concentrations of combustible dust, when combined with an ignition source, can create an explosion hazard if the dust concentration exceeds 30 g/m³. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use only non-sparking tools. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up.

6.3 Methods and materials for containment and cleaning up

Use water spray to reduce vapors or divert vapor cloud drift. Take up mechanically and collect in suitable container for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. D-Limonene (CAS: 5989-27-5 EC: 227-813-5)
TLV® (Inhalation): 20 ppm (ACGIH)

8.2 Appropriate engineering controls

Eyewash stations. Showers. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

8.3 Individual protection measures, such as personal protective equipment (PPE)

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Eye/face protection

Wear protective eyewear (safety glasses).

Skin protection

Protective gloves

Respiratory protection

Use NIOSH approved respirators to protect against silicosis producing dusts. For dust concentrations: <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; for dust concentrations >200X the PEL use a type C, supplied air respirator (continuous flow, positive pressure), with a full facepiece.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Tan granular powder
Odor	Citrus
Odor threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	0.89-1.01
Solubility(ies)	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Keep away from oxidizers and flame

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Exposure to excessive heat. Keep tightly sealed.

10.5 Incompatible materials

Strong oxidizing agents.

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SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation
May cause skin irritation.

Serious eye damage/irritation
Causes eye irritation.

Respiratory or skin sensitization
May cause skin sensitization.

SECTION 12: Ecological information

Persistence and degradability
Biodegradable

SECTION 13: Disposal considerations

Disposal of the product
Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of contaminated packaging
Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

DOT (US)

UN Number:
Class:
Packing Group:
Proper Shipping Name:
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number:
Class:
Packing Group:
EMS Number:
Proper Shipping Name:

IATA

UN Number:
Class:
Packing Group:
Proper Shipping Name:

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

D-Limonene

Pennsylvania Right To Know Components

D-Limonene

New Jersey Right To Know Components

D-Limonene

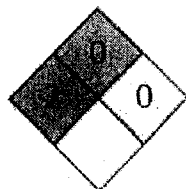
California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

DriWay + Dry Extraction Powder	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

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SAFETY DATA SHEET

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.