

Safety data sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Identification of the substance or preparation

Catalogue No: DS-515
Product name: Dekati collection substrate spray

1.2. Identification of the manufacturer/importer

1.2.1. Company

Dekati Ltd.

1.2.2. Address

Osuusmyllynkatu 13, FIN-33700 TAMPERE, FINLAND

1.2.3. Emergency telephone number

Dial 999 or 112 for an emergency or your local emergency telephone number.

2. COMPOSITION, INFORMATION ON INGREDIENTS

2.1. Description

Pressure packaged particle collection substrate spray. Hazardous ingredients are volatile. Vacuum grease stays on the collection substrate.

2.2. Hazardous ingredients

CAS Number	Components	Approximate % by Vol.	Rest-list	Hazard symbols
540-84-1	isooctane	< 39%	N	Xn, F, N, R11-38-50/53-65-67
74-98-6	propane	< 12%		F+, R12
106-97-8	butane	< 49 %		F+, R12

3. HAZARDS IDENTIFICATION



HARMFUL



HARMFUL TO
THE
ENVIRONMENT



EXTREMELY
FLAMMABLE

Extremely flammable. Irritates skin. Very toxic to aquatic organisms; may cause long-term adverse effects in aquatic environment. Harmful: may cause lung damage if swallowed. Inhalation of vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

4.1. Inhalation

Remove from exposure to fresh air. If not breathing, give artificial resuscitation and supplemental oxygen.

4.2. Skin contact

Flush with plenty of water. Remove contaminated clothing. Wash clothing before re-use.

4.3. Eye contact

Flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

5.1. General information

Extremely flammable. Vapours may be heavier than air and can spread along the ground and collect in low or confined areas. May react explosively with air. Take precautionary measures against static discharge. Remove all sources of ignition.

5.2. Extinguishing media

Use dry powder, carbon dioxide or regular foam.

5.3. Additional instructions

Respirator may be needed.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal protection measures

Avoid inhaling the aerosol. Provide sufficient ventilation to areas where the chemical is handled.

6.2. Environment-protection measures

Keep the chemical out of the sewage system. Forward for disposal as hazardous waste. Clean contaminated surfaces. Be aware of the risk of ignition (see section 5).

6.3. Cleaning measures

Surfaces become greasy when sprayed with the product. Surfaces contaminated with grease can be washed with soap-water -mixture.

7. HANDLING AND STORAGE

7.1. Handling

Keep away from oxidizing materials.

7.2. Storage

Storage in room temperature (15–25 °C) in tightly closed containers in well-ventilated area. Keep away from heat, sparks and flame. Keep away from sources of ignition.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1. Engineering controls

Any handling of the chemical must be done in sufficiently ventilated space. Ventilation fans and other electrical services must be non-sparking and have an explosion-proof design. To avoid formation of static charge do not let the liquid flow free. Emergency eye wash fountain must be provided.

8.1.1. Respiratory protection

Half or whole mask with A-type gas filter may be needed.

8.1.2. Hand protection

In case of risk of hand exposure, wear protective gloves.

8.1.3. Eye protection

In case of risk of eye exposure, use protective eyeglasses. Do not use contact lenses when handling the product.

8.1.4. Skin protection

In case of risk of skin exposure, wear appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical state, appearance, odor

Liquid. In the pressurised package non-coloured and has mild odor of benzine.

9.2. pH

Not known.

9.3. Flash point

21 °C (aerosol)

9.4. Solubility

Insoluble in water

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid

Explosion risk when heated.

10.2. Substances to avoid contact with

Strong oxidizing agents, strong acids, strong bases, oxygen, plastics.

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicity

Not known.

11.2. Irritation and corrosivity

Ache in the nose and throat. Headache. Dizziness. High concentrations may cause dizziness or numbness when inhaled.

11.3. Sensitivity

Not known.

11.4. Subacute, subchronic and long-term toxicity

Not known.

11.5. Effects on people based on experience

Defats the skin. Redding of the skin. Inflammation. Splash into eyes cause smarting and irritation.

11.6. Additional information

Handle the product with extreme caution. Product may have other harmful characteristics.

12. ECOLOGICAL INFORMATION

12.1. Stability in environment

12.1.1. Biological degradation

Slightly biodegradable.

12.1.2. Chemical degradation

Not known.

12.2. Accumulation into organisms

Not known.

12.3. Spreading in environment

Propellant gas propane/butane evaporates quickly in air, and decomposes. Can easily form explosive mixtures with air above a water surface.

12.4. Toxicity for organisms

Toxic for the aquatic ecosystems.

12.5. Additional information

Avoid release into the drinking and sewage water, and soil.

13. DISPOSAL CONSIDERATIONS

Product

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. It is recommended to contact either the authorities in charge or approved waste disposal companies which advise you on how to dispose of the special waste.

Package

Dispose of in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION

14.1. UN-number

1950

14.2. Packing group

2

14.3. Transport by land

14.3.1. Transport class

VAC/ADR 2,5F

14.3.2. Hazard class

14.3.3. Shipping name

UN1950 aerosols, pressurised package

14.3.4. Other information

14.4. Transport by sea

14.4.1. IMDG-class

2

14.4.2. Technical name

14.4.3. Additional information

EmS Nr.2-13, MFAG Nr.620, Package group II, Class 2,5F

15. REGULATORY INFORMATION

Hazard symbols



HARMFUL



HARMFUL TO THE ENVIRONMENT



EXTREMELY FLAMMABLE

Risk phrases

- R12 Extremely flammable.
R38 Irritating to skin.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful. Can cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases

- S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - no smoking.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. ADDITIONAL INFORMATION

Manufacturer

Dekati Oy, Osuusmyllynkatu 13, FIN-33700 TAMPERE, Finland.
Tel. +358 (0)3 3578111, Fax. +358 (0)3 3578140
E-mail: support@dekati.fi

Use

Pressure packaged collection substrate spray is used to grease the collection substrates.