

# SAFETY DATA SHEET



## DuPont™ Pexalon™

Version 2.0

Revision Date 15.07.2019

Document no. 130000094359

Issue Date 15.07.2019

This SDS adheres to the standards and regulatory requirements of Malaysia and may not meet the regulatory requirements in other countries.

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : DuPont™ Pexalon™

**Other names** : DPX-RAB55 (10SC)  
DPX-RAB55 Suspension Concentrate  
Triflumezopyrim 106 g/L SC

#### Recommended use of the chemical and restriction on use

Recommended use : Insecticide

Restrictions on use : Do not use product for anything outside of the above specified uses.

#### Manufacturer, importer, supplier, representative office

Company : Du Pont Production Agriscience (Malaysia) Sdn Bhd  
Street address : B-3-3, The Ascent Paradigm, SS 7 /26A, Kelana Jaya 47301, Selangor.  
Malaysia  
Telephone : +60 3 7800 0280  
Telefax : +60 3 7800 8415

**Emergency telephone number** : +60 3 7800 0287

### 2. HAZARDS IDENTIFICATION

#### Product hazard classification

Not a hazardous substance or mixture.

Endpoints which are not classified, cannot be classified or are not applicable are not shown.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Mixture

#### Components

Chemical name	CAS-No.	Concentration
Triflumezopyrim	1263133-33-0	10 %
Other Ingredients		90 %

### 4. FIRST AID MEASURES

Never give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Inhalation** : Move to fresh air. Artificial respiration and/or oxygen may be necessary. Call a poison control center or doctor for treatment advice.

**Skin contact** : Take off all contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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- Eye contact** : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Ingestion** : Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person.
- Most important symptoms/effects, acute and delayed** : No information available.
- Protection of first-aiders** : No information available.
- Notes to physician** : No information available.

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media** : High volume water jet, (contamination risk)
- Specific hazards** : No information available.
- Special protective equipment for firefighters** : Wear full protective clothing and self-contained breathing apparatus.
- Specific extinguishing methods** : No information available.
- Further information** : Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
(on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.
- Environmental precautions** : Prevent material from entering sewers, waterways, or low areas.

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- Methods and materials for containment and cleaning up** : Clean-up methods - small spillage Prevent further leakage or spillage. Soak up with inert absorbent material. Shovel into suitable container for disposal.  
Clean-up methods - large spillage Prevent further leakage or spillage. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers. Collect and contain contaminated absorbent and dike material for disposal.
- Additional advice** : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

### Handling

- Technical measures/Precautions : Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.
- Precautions for safe handling : Keep away from heat and sources of ignition.

### Storage

- Suitable storage conditions : Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in original container. Store in a cool, dry place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

No occupational exposure limit values are applicable.

- Engineering measures** : Ensure adequate ventilation, especially in confined areas.

- Biological occupational exposure limits** : No information available.

### Personal protective equipment

- Respiratory protection : Where there is potential for airborne exposures in excess of applicable limits, wear approved respiratory protection with dust/mist cartridge.
- Hand protection : Material: Protective gloves
- Eye protection : Wear protective eyewear to prevent contact with this substance.
- Skin protection : Wear protective clothing such as gloves, apron, boots, or coveralls, as appropriate.

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- Hygiene measures** : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Protective measures** : Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Use this product in accordance with its label.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance (Physical state, form, colour, etc.)

- Physical state : liquid  
Form : liquid  
Colour : yellow

**Odour** : mild

**Odour Threshold** : No information available.

**pH** : 5.5 - 8.5

### Melting point/freezing point

No information available.

### Initial boiling point and boiling range

- Boiling point/boiling range : no data available

**Flash point** : > 200 °F  
does not flash

**Evaporation rate** : No information available.

**Flammability (solid, gas)** : No information available.

### Upper/lower flammability or explosive limits

- Upper explosion limit : No information available.  
Lower explosion limit : No information available.

**Vapour pressure** : Not available for this mixture.

**Vapour density** : No information available.

### Density

- Specific gravity (Relative density) : 1.06

### Solubility(ies)

- Water solubility : dispersible

**Partition coefficient: n-** : No information available.

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### octanol/water

#### Auto-ignition temperature

Auto-ignition temperature : 513 °C

**Decomposition temperature** : No information available.

#### Viscosity

Viscosity, kinematic : No information available.

**Molecular weight** : No information available.

**Oxidizing properties** : The substance or mixture is not classified as oxidizing.

## 10. STABILITY AND REACTIVITY

**Reactivity** : No information available.

**Chemical stability** : Stable at normal temperatures and storage conditions.

**Possibility of hazardous reactions** : Polymerization will not occur.

**Conditions to avoid** : None reasonably foreseeable.

**Materials to avoid** : None reasonably foreseeable.

**Hazardous decomposition products** : No information available.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Oral

DuPont™ Pexalon™ : LD50/Rat: > 5,000 mg/kg  
(Data on the product itself), Information source: Internal study report

#### Inhalation

DuPont™ Pexalon™ : LC50/4 h/Rat(dust/mist): > 5.09 g/l  
(Data on the product itself), Information source: Internal study report

#### Dermal

DuPont™ Pexalon™ : LD50/Rat: > 5,000 mg/kg  
(Data on the product itself), Information source: Internal study report

### Skin corrosion/irritation

DuPont™ Pexalon™ : Species: Rabbit  
Result: No skin irritation  
(Data on the product itself) Information source: Internal study report

### Serious eye damage/eye irritation

DuPont™ Pexalon™ : Species: Rabbit  
Result: No eye irritation  
(Data on the product itself)  
Information source: Internal study report

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**Respiratory or skin sensitisation**

DuPont™ Pexalon™

: Species: Guinea pig  
 Result: Does not cause skin sensitisation.  
 (Data on the product itself)  
 Information source: Internal study report

**Germ cell mutagenicity**

Triflumezopyrim

: Weight of evidence does not support classification as a germ cell mutagen.

**Carcinogenicity**

Triflumezopyrim

: Overall weight of evidence indicates that the substance is not carcinogenic.  
 Tumors were observed in laboratory animals, yet are not considered relevant to humans.

**Reproductive toxicity**

Triflumezopyrim

: Reproductive toxicity: No toxicity to reproduction  
 Animal testing showed effects on reproduction at levels equal to or above those causing parental toxicity.  
 Teratogenicity: Animal testing showed no developmental toxicity.

**Specific Target Organ Toxicity**

Specific target organ toxicity - single exposure

Triflumezopyrim

: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure

Triflumezopyrim

: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Aspiration hazard**

Triflumezopyrim

: No aspiration toxicity classification

**Other**

Triflumezopyrim

: Repeated dose toxicity:  
 Oral - feed/Dog 90 d  
 No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., Adverse body weight effects, altered hematology, Thymus effects  
 Oral - feed/Rat 90 d  
 No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., Adverse body weight effects, Liver effects  
 Mouse 90 d  
 No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification.

**12. ECOLOGICAL INFORMATION**

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### Ecotoxicity effects

Acute and prolonged toxicity to fish

DuPont™ Pexalon™ : LC50/96 h/Oncorhynchus mykiss (rainbow trout): > 12.6 mg/l  
Value calculated as active substance per liter, (Data on the product itself), Information source: Internal study report  
LC50/96 h/Cyprinus carpio (Carp): > 12.3 mg/l  
Value calculated as active substance per liter, (Data on the product itself), Information source: Internal study report

Toxicity to aquatic plants

DuPont™ Pexalon™ : ErC50/72 h/Pseudokirchneriella subcapitata (algae): 11.1 mg/l  
Value calculated as active substance per liter, (Data on the product itself), Information source: Internal study report  
NOEC/72 h/Pseudokirchneriella subcapitata (algae): 3.1 mg/l  
Value calculated as active substance per liter

Acute toxicity to aquatic invertebrates

DuPont™ Pexalon™ : EC50/48 h/Daphnia magna (Water flea): 10.9 mg/l  
Value calculated as active substance per liter, (Data on the product itself), Information source: Internal study report

### Persistence and degradability

Triflumezopyrim : Result: Not biodegradable

### Bioaccumulation

Triflumezopyrim : Bioaccumulation is unlikely.

### Mobility in soil

No information available.

### Other adverse effects

DuPont™ Pexalon™ : See product label for additional application instructions relating to environmental precautions.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** : In accordance with local and national regulations.  
Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Container Refilling and Disposal: Refer to the product label for instructions. Do not transport if this container is damaged or leaking.

**Contaminated packaging** : Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

### IMDG

UN number : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class : Not applicable  
Packing group : Not applicable  
Marine pollutant : Not applicable

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### IATA

UN number : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class : Not applicable  
Packing group : Not applicable

Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises : Not applicable

## 15. REGULATORY INFORMATION

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.  
Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

## 16. OTHER INFORMATION

### References

SDS Number: 130000094359

### Revision Date/Version

Date of first preparation : 15.07.2019  
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Take notice of the directions of use on the label.  
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Significant change from previous version is denoted with a double bar.

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