

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name – Dancer Flow

Use – Herbicide

Formulation type – Suspension concentrate

Supplier – Sipcam UK Limited, 3 The Barn, 27 Kneesworth Street, Royston, Herts SG8 5AB

Emergency phone no – Office 01763 212100

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition – Dancer Flow contains 160 g/l phenmedipham

Common name – Phenmedipham

CAS/EC no – 13684-63-4

Hazard Symbol – N

R phrases – R50/53

Concⁿ – 15.8% w/w

3. HAZARDS IDENTIFICATION

Critical Hazard to man – Not classified.

Critical Hazard to environment – Very Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General advice – Remove from source of exposure. Remove all contaminated clothing and wash affected area for a minimum of 15 minutes.

Inhalation – Remove the individual from exposure to this product and keep well ventilated with fresh air. Keep at rest. If necessary and if breathing stops, give artificial respiration. Seek medical attention.

Skin contact – Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water. Rinse with more water. Seek medical attention.

Eye contact – Rinse immediately with plenty of water for at least 15 minutes and then seek medical attention.

Ingestion – If swallowed, wash mouth thoroughly, do not induce vomiting, seek medical attention immediately.

Poisoning symptoms – No specific symptoms.

Treatment – No Specific antidote. Treat Symptomatically and Supportive.

Although phenmedipham is a carbamate pesticide it is NOT a cholinesterase inhibitor

Consult a Poisons Centre such as:

0171 635 9191 (National Poisons Information Service - London)

(AUTHORISED MEDICAL PRACTITIONERS ONLY)

5. FIRE FIGHTING MEASURES

Suitable extinguishing media – Fight fire with CO₂, dry chemical powder, foam or water spray (in preference to water jet).

Specific hazards – Product and packaging are combustible and may give rise to poisonous fumes if burnt.

Protective equipment – Wear self-contained breathing apparatus (SCBA).

Specific Methods – If possible and without risk remove intact container from exposure to fire. Cool containers with spray. Contain fire-fighting water, bunding if necessary with sand, earth, or other inert material.

6. ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment – Wear protective coveralls, neoprene gloves, rubber boots and faceshield or goggles, covering as much of the body as possible (see section 8).

Environmental protection – DANGEROUS TO FISH OR AQUATIC LIFE. Do not contaminate surface water or ditches with chemical or used container.

Use appropriate containment to avoid environmental contamination

Inform local water plc immediately if spillage enters drains and the National Rivers Authority (England and Wales) or River Purification Boards (Scotland), if it enters surface or ground waters.

Clean up Methods – Contain or absorb spillage with sand or earth Sweep up carefully and shovel sweepings into marked bags or drums. Dispose of through a reputable local waste disposal contractor.

7. HANDLING AND STORAGE

Handling – Use Personal Protective Clothing as specified in Section 8. Avoid fumes – work in a well ventilated area.

Storage

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

Protect from frost.

Keep away from heat sources and direct sunlight.

Other

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

KEEP OUT OF REACH OF CHILDREN.

AVOID ALL CONTACT WITH SKIN AND EYES.

DO NOT BREATHE SPRAY.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Standard (OES) – None assigned to the product.

Engineering measures – Where possible use a cab with a forced air filtration unit with a pesticide filter when spraying.

Personal Protective Equipment

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

Where PPE cannot be cleaned, dispose of as contaminated waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

State – Liquid

Density – 1.0 g/l

Colour – White

Odour – Faint

pH (5% in water) – 4-5

Explosive properties – None

Flammability – Non combustible

Solubility – emulsifies in water

10. REACTIVITY AND STABILITY

Stability – Stable under normal ambient conditions

Condition to avoid – None in particular

Materials to avoid – None in particular

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ (rat) – >8,800 mg/kg

Acute dermal LD₅₀ (rat) – >2,800 mg/kg

Acute inhalation LC₅₀ (4h, rat) – >7.0 mg/m³ (m/f)

Skin Irritation – non irritant

Eye Irritation – non irritant

Sensitisation – Not sensitising

Carcinogenicity – Laboratory tests and human experience do not suggest carcinogenic hazard to man under normal use conditions

Mutagenicity – Laboratory tests and human experience do not suggest mutagenic hazard to man under normal use conditions

Teratogenicity – Laboratory tests and human experience do not suggest reproductive hazard to man under normal use conditions

12. ECOLOGICAL INFORMATION

Mobility – Log Pow 3.59 at 22°C @ pH4 (ai)

Ecotoxicity

Rainbow Trout LC₅₀ 0.5 mg/l (96hr)

Daphnia magna LC₅₀ 1.3 mg/l (48hr)

Mallard duck LD₅₀ >2,100 mg/kg (ai)

BeesLD₅₀ not toxic to bees (ai)

13. DISPOSAL

Contact Local Authority (Environmental Health Department) or a reputable waste disposal company for collection and disposal of unwanted product or containers.

For further guidance on the disposal of containers, surplus spray solution, tank washings and concentrate, refer to Part 5 (Disposal of Pesticide Waste) of the MAFF/HSE booklet "Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings".

14. TRANSPORT

UN Number – 3082

UN Class – 9

Packaging Group – III

Marine Pollutant – P

ADR/RID Classification – 9 III 11c

IMDG/IMO Classification – 9 III 11P

Proper shipping name – 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S (contains phenmedipham)

15. REGULATORY INFORMATION

Hazard Symbol – N, Dangerous for the environment

Risk Phrases – R50/53, Very Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Safety Phrases – S35, This material and its container must be disposed of in a safe way

– S57, Use appropriate containment to avoid environmental contamination

16. OTHER INFORMATION

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Packaging

Container – 5 litre HDPE pack

Outer – 4 x 5 litre in double-wall carton

Approval number – MAPP 11405