

SAFETY DATA SHEET



OUST® DF

Version .CPP1

Revision Date 06.05.2008

Ref. 130000000548

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : OUST® DF
Use of the : Herbicide
Substance/Preparation
Company : Du Pont (Australia) Ltd
7 Eden Park Drive
Macquarie Park NSW 2113
Australia

Telephone : (02) 9923 6111
Telefax : (02) 9923 6011
Emergency telephone : (02) 9963 1301 (Transport Emergency)
number : (24 hr Medical Emergency Hotline: 1800 674 415)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : B10048832

Components

Chemical Name	CAS-No.	Concentration
Sulfometuron methyl	74222-97-2	75 %
Sucrose	57-50-1	13 %
Sodiumalkylnaphthalenesulfonate, formaldehyde polymer	68425-94-5	5 %
Sodium alkylnaphthalenesulfonate	105864-15-1	0.5 - 1%
Sodium Dioctyl Sulfosuccinate	577-11-7	0.25 - 0.5%

3. HAZARDS IDENTIFICATION

Hazardous classification

Not classified as dangerous goods according to the ADG Code.

Not classified as dangerous in the meaning of sea and air transport regulations., Optional classification as per IMDG Special Provision 909., Optional classification as per IATA Special Provision A97.

Not classified as hazardous according to criteria of NOHSC.

4. FIRST AID MEASURES

Inhalation : Move to fresh air. If victim has stopped breathing: Artificial respiration and/or oxygen may be necessary. Get medical attention.
Skin contact : Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.
Ingestion : No hazards which require special first aid measures. Consult a physician if necessary.

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Notes to physician

Treatment : Treat symptomatically.

5. FIRE-FIGHTING MEASURESSuitable extinguishing media : Water spray, Dry chemical, Foam, Carbon dioxide (CO₂)

Extinguishing media which must not be used for safety reasons : High volume water jet, (contamination risk)

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

Further information : 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 : Wear personal protective equipment.

Environmental precautions : Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

Methods for cleaning up : Clean up promptly by scoop or vacuum. Use approved industrial vacuum cleaner for removal. Shovel into suitable container for disposal. If spill area is on ground near valuable plants or trees, remove 5 cm of top soil after initial clean-up.

7. HANDLING AND STORAGE**Handling**

Advice on safe handling : Provide appropriate exhaust ventilation at places where dust is formed. Wear personal protective equipment.

Advice on protection against fire and explosion : Dust may form explosive mixture in air.

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place. Store in a place accessible by authorized persons only. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.

Advice on common storage : No materials to be especially mentioned.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

Components	Values	Control parameters	Basis
Sulfometuron methyl	TWA	5 mg/m ³	ACGIH (2004)
Sucrose	TWA	10 mg/m ³	ACGIH (2003)
Sucrose (Inspirable dust.)	TWA	10 mg/m ³	AU OEL (2004)

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Hand protection	: Material: Rubber gloves
Eye protection	: Goggles
Skin and body protection	: Lightweight protective clothing
Hygiene measures	: Do not breathe dust or spray mist. Avoid contact with skin and eyes. Wash hands and face before breaks and immediately after handling the product. When using do not eat, drink or smoke. Wash all protective clothing after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: solid , dry free flowing granules
Colour	: off-white
Odour	: none
pH	: no data available
Melting point/range	: ca. 203 - 205 °C
Flash point	: not applicable
Explosive properties	: Not explosive
Bulk density	: 528 - 624 kg/m ³
Water solubility	: dispersible

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10. STABILITY AND REACTIVITY

- Hazardous decomposition products : Carbon oxides, nitrogen oxides (NOx)
- Hazardous reactions : Dust may form explosive mixture in air.No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50/rat : > 5,000 mg/kg
- Acute oral toxicity
• Sodium Dioctyl Sulfosuccinate : LD50/rat : ca. 4,620 mg/kg
- Acute inhalation toxicity : LC50/4 h/rat : > 5 mg/l
Active ingredient
- Acute dermal toxicity : LD50/rabbit : > 2,000 mg/kg
- Acute dermal toxicity
• Sodium Dioctyl Sulfosuccinate : LD50/rabbit : 10,000 mg/kg
- Skin irritation : No skin irritation
- Eye irritation : No eye irritation
- Sensitization : Did not cause sensitization on laboratory animals.
- Sensitization
• Sodium Dioctyl Sulfosuccinate : Patch test on human volunteers did not demonstrate sensitization properties.

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

- Biodegradability : According to the results of tests of biodegradability this product is not readily biodegradable.

Ecotoxicity effects

- Toxicity to fish : LC50/96 h/Lepomis macrochirus (Bluegill sunfish): 0.50 mg/l
Active ingredient
- LC50/96 h/Oncorhynchus mykiss (rainbow trout): > 148 mg/l
Active ingredient

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Toxicity to fish	:	
• Sodium Dioctyl Sulfosuccinate	:	LC50/96 h/Oncorhynchus mykiss (rainbow trout): 28 mg/l
	:	LC50/96 h/Lepomis macrochirus (Bluegill sunfish): 37 mg/l
Toxicity to algae	:	EC50/120 h/Algae: 0.0046 mg/l Active ingredient
Aquatic toxicity	:	EC50/48 h/Daphnia: 150 mg/l Active ingredient
Aquatic toxicity	:	
• Sodium Dioctyl Sulfosuccinate	:	EC50/48 h/Daphnia magna (Water flea): 36 mg/l

13. DISPOSAL CONSIDERATIONS

Product	:	In accordance with local and national regulations. Do not flush into surface water or sanitary sewer system.
Contaminated packaging	:	Do not re-use empty containers. Triple rinse containers. Puncture container to avoid re-use. Empty containers can be landfilled, when in accordance with the local regulations. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

Further information	:	Not classified as dangerous goods according to the ADG Code. Not classified as dangerous in the meaning of sea and air transport regulations., Optional classification as per IMDG Special Provision 909., Optional classification as per IATA Special Provision A97.
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15. REGULATORY INFORMATION

Further information	:	Not classified as hazardous according to criteria of NOHSC.
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National regulatory information

SUSDP	:	Schedule 5
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To avoid risks to man and the environment, comply with the instructions for use.

16. OTHER INFORMATION

Sources of key data used to compile the datasheet:

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Dangerous Goods Code, No. 7 [National Road Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]

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7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

Department:

Du Pont (Australia) Ltd
7 Eden Park Drive
Macquarie Park NSW 2113
Australia

Further information:

[®] DuPont registered trademark

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