

# SAFETY DATA SHEET



## Flotilla Herbicide

Version 1.0      Revision Date: 30.07.2021      SDS Number: 50001559      Date of last issue: -  
Date of first issue: 30.07.2021

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Flotilla Herbicide

Other means of identification : FLUROXYPYR-MEPTYL 569 EC  
FLUROXYPYR 400 EC

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

Recommended use : Can be used as herbicide only.

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

#### Manufacturer or supplier's details

Company : FMC Australasia Pty Ltd

Address : Building B, Level 2, 12 Julius Avenue,  
North Ryde NSW 2113

Telephone : +6161029887900

Emergency telephone number : For leak, fire, spill or accident emergencies, call:  
1800 033 111 (Ixm)

Medical emergency:  
1 800 033 111 (Transport and 24 h Medical information)

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Carcinogenicity : Category 2

Reproductive toxicity : Category 1B

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

Aspiration hazard : Category 1

#### GHS label elements

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Hazard pictograms



Signal word

: Danger

Hazard statements

: H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H360 May damage fertility or the unborn child.

Precautionary statements

: **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ eye protection/ face protection.  
P281 Use personal protective equipment as required.

**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.

**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

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### Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 3.7 %

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Solvent naphtha (petroleum), heavy arom.	64742-94-5	>= 20 -< 30
N-methyl-2-pyrrolidone	872-50-4	>= 0.3 -< 10
2-ethylhexan-1-ol	104-76-7	< 10

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.  
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.  
May damage fertility or the unborn child.
- Notes to physician : Treat symptomatically.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry chemical  
Water  
Foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Thermal decomposition can lead to release of irritating gases and vapours.  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon oxides  
Chlorine compounds  
Fluorine compounds
- Specific extinguishing methods : 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.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.
- 

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.
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For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Container may be opened only under exhaust ventilation hood.  
Dispose of rinse water in accordance with local and national regulations.

- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Solvent naphtha (petroleum), heavy arom.	64742-94-5	TWA	200 mg/m <sup>3</sup> (total hydrocarbon vapor)	ACGIH
N-methyl-2-pyrrolidone	872-50-4	STEL	75 ppm 309 mg/m <sup>3</sup>	AU OEL
Further information: Skin absorption				
		TWA	25 ppm 103 mg/m <sup>3</sup>	AU OEL
Further information: Skin absorption				

#### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
N-methyl-2-pyrrolidone	872-50-4	5-Hydroxy-N-methyl-2-pyrrolidone	Urine	End of shift (As soon as possible after exposure ceases)	100 mg/l	ACGIH BEI

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### Personal protective equipment

- Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
- Hand protection  
Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.
- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- 

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : amber
- Odour : solvent-like
- Boiling point/boiling range : 200 °C  
(100 kPa)
- Vapour pressure : 200 hPa
- Relative density : 1.122
- Solubility(ies)  
Water solubility : dispersible
- Partition coefficient: n-octanol/water : log Pow: 4.53  
pH: 5
- 

### SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No decomposition if stored and applied as directed.
- Chemical stability : No decomposition if stored and applied as directed.
- Possibility of hazardous reactions : No decomposition if stored and applied as directed.

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Conditions to avoid : Protect from frost, heat and sunlight.

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents

Hazardous decomposition products : Stable under recommended storage conditions.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Acute oral toxicity : (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 420  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 4.688 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

##### **N-methyl-2-pyrrolidone:**

Acute oral toxicity : LD50 (Rat): 4,150 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC0 (Rat): > 5.1 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 402

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### **2-ethylhexan-1-ol:**

Acute oral toxicity : LD50 (Rat): 2047 milligram per kilogram

Acute inhalation toxicity : LC50 (Rat): 4.3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 3000 milligram per kilogram  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### **Skin corrosion/irritation**

Causes skin irritation.

### **Product:**

Remarks : May cause skin irritation in susceptible persons.

### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Species : Rabbit  
Result : No skin irritation

#### **N-methyl-2-pyrrolidone:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : irritating

#### **2-ethylhexan-1-ol:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Skin irritation

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

### **Product:**

Remarks : May cause irreversible eye damage.

### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Species : Rabbit  
Result : No eye irritation

#### **N-methyl-2-pyrrolidone:**

Species : Rabbit  
Result : irritating  
Method : OECD Test Guideline 405



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### **2-ethylhexan-1-ol:**

Species : Rabbit  
Result : Irritation to eyes, reversing within 21 days  
Method : OECD Test Guideline 405

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Test Type : Maximisation Test  
Species : Guinea pig  
Result : Not a skin sensitizer.

#### **N-methyl-2-pyrrolidone:**

Method : OECD Test Guideline 429  
Result : Not a skin sensitizer.

### **Chronic toxicity**

#### **Germ cell mutagenicity**

Not classified based on available information.

### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Bone marrow chromosome aberration  
Species: Rat  
Application Route: inhalation (vapour)  
Result: negative

#### **N-methyl-2-pyrrolidone:**

Genotoxicity in vitro : Test Type: Ames test  
Method: OECD Test Guideline 471  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

Test Type: unscheduled DNA synthesis assay

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- Genotoxicity in vivo      :      Result: negative
- Genotoxicity in vivo      :      Test Type: Micronucleus test  
Species: Mouse  
Method: OECD Test Guideline 474  
Result: negative
- 2-ethylhexan-1-ol:**
- Genotoxicity in vitro      :      Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative
- Genotoxicity in vivo      :      Test Type: Micronucleus test  
Species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative

### **Carcinogenicity**

Suspected of causing cancer.

### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

- Species                      :      Rat, male and female  
Application Route          :      inhalation (vapour)  
Exposure time              :      12 month(s)  
                                     :      1.8 mg/l  
Result                        :      negative  
Remarks                     :      Based on data from similar materials
- Carcinogenicity - Assessment      :      Limited evidence of carcinogenicity in animal studies

#### **N-methyl-2-pyrrolidone:**

- Species                      :      Rat, male and female  
Application Route          :      Oral  
NOAEL                        :      207 - 283 mg/kg bw/day  
Result                        :      negative
- Species                      :      Rat, male  
Application Route          :      Inhalation  
                                     :      0.04 mg/l  
Result                        :      negative
- Species                      :      Mouse, male  
Application Route          :      Oral  
NOAEL                        :      89 mg/kg body weight  
Method                        :      OECD Test Guideline 451  
Result                        :      negative

#### **2-ethylhexan-1-ol:**

- Species                      :      Rat

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Application Route : Oral  
Exposure time : 24 month(s)  
Result : negative

### Reproductive toxicity

May damage fertility or the unborn child.

#### Components:

##### **N-methyl-2-pyrrolidone:**

Effects on fertility : Test Type: Two-generation study  
Species: Rat, male and female  
Application Route: Oral  
Method: OECD Test Guideline 416  
Result: positive

Effects on foetal development : Test Type: Pre-natal  
Species: Rat  
Application Route: Oral  
Method: OECD Test Guideline 414  
Result: positive

Reproductive toxicity - Assessment : Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments

##### **2-ethylhexan-1-ol:**

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Mouse  
Application Route: Oral  
Method: OECD Test Guideline 414  
Result: negative

### STOT - single exposure

May cause drowsiness or dizziness.

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Assessment : May cause drowsiness or dizziness.

##### **N-methyl-2-pyrrolidone:**

Assessment : May cause respiratory irritation.

##### **2-ethylhexan-1-ol:**

Assessment : May cause respiratory irritation.

### STOT - repeated exposure

Not classified based on available information.

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### Repeated dose toxicity

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Species : Rat, male and female  
: 0.9 - 1.8 mg/l  
Application Route : inhalation (vapour)  
Exposure time : 12 months

##### **N-methyl-2-pyrrolidone:**

Species : Rat, male  
NOAEL : 169 mg/kg  
Application Route : Oral

Species : Mouse, male  
NOAEL : 89 mg/kg  
Application Route : Oral  
Method : OECD Test Guideline 408  
Target Organs : Liver

Species : Rabbit  
NOAEL : 826 mg/kg  
Application Route : Dermal

Species : Rat, male  
: 3 mg/l  
Application Route : inhalation (vapour)  
Target Organs : Testes

##### **2-ethylhexan-1-ol:**

Species : Rat  
: 250 mg/kg  
Application Route : Oral  
Exposure time : 13 weeks  
Method : OECD Test Guideline 408

### Aspiration toxicity

May be fatal if swallowed and enters airways.

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

May be fatal if swallowed and enters airways.

### Experience with human exposure

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Skin contact : Symptoms: Repeated exposure may cause skin dryness or cracking.

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### Further information

#### Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Concentrations substantially above the TLV value may cause narcotic effects.  
Solvents may degrease the skin.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 2 - 5 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 1.4 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): 1 - 3 mg/l  
Exposure time: 24 h  
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EL50 (Daphnia magna (Water flea)): 0.89 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

Toxicity to microorganisms : LL50 (Tetrahymena pyriformis): 677.9 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition

##### **N-methyl-2-pyrrolidone:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 500 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,000 mg/l  
Exposure time: 24 h  
LC50 (Palaeomonetes vulgaris (Grass shrimp)): 1,107 mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 600.5 mg/l  
Exposure time: 72 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 12.5 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

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Toxicity to microorganisms : EC50 (activated sludge): 100 mg/l  
Exposure time: 48 h  
  
EC50 (activated sludge): > 600 mg/l  
Exposure time: 30 min

### **2-ethylhexan-1-ol:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 17.1 - 28.2 mg/l  
Exposure time: 96 h  
  
Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 39 mg/l  
Exposure time: 48 h  
  
Toxicity to algae/aquatic plants : EC10 (Desmodesmus subspicatus (green algae)): 3.2 mg/l  
Exposure time: 72 h  
  
EC50 (Desmodesmus subspicatus (green algae)): 11.5 mg/l  
Exposure time: 72 h  
  
Toxicity to microorganisms : EC50 (Anabaena flos-aquae (cyanobacterium)): 16.6 mg/l  
Exposure time: 72 h

### **Persistence and degradability**

#### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Biodegradability : Result: Inherently biodegradable.  
Biodegradation: 58.6 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Based on data from similar materials

#### **N-methyl-2-pyrrolidone:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 73 %  
Exposure time: 28 d

#### **2-ethylhexan-1-ol:**

Biodegradability : Result: Readily biodegradable.

### **Bioaccumulative potential**

#### **Components:**

#### **Solvent naphtha (petroleum), heavy arom.:**

Partition coefficient: n-octanol/water : log Pow: 2.4 - 6.5

#### **N-methyl-2-pyrrolidone:**

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Partition coefficient: n-octanol/water : log Pow: -0.46 (25 °C)

### **2-ethylhexan-1-ol:**

Partition coefficient: n-octanol/water : log Pow: 2.9 (25 °C)

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

### **International Regulations**

#### **UNRTDG**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Fluroxypyr-meptyl)

Class : 9  
Packing group : III  
Labels : 9

#### **IATA-DGR**

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Fluroxypyr-meptyl)

Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 964

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Packing instruction (passenger aircraft) : 964  
Environmentally hazardous : yes

### IMDG-Code

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluroxypyr-meptyl)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### ADG

Not regulated as a dangerous good  
Remarks : Not subject to the ADG Code when transported by Road or Rail in Australia, in packages 500kg(L) or less

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons : Schedule 5

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

### The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory  
TSCA : Product contains substance(s) not listed on TSCA inventory.  
AIRC : Not in compliance with the inventory



# SAFETY DATA SHEET



## Flotilla Herbicide

Version 1.0	Revision Date: 30.07.2021	SDS Number: 50001559	Date of last issue: - Date of first issue: 30.07.2021
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DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.  
methyl O-(4-amino-3,5-dichloro-6-fluoropyridin-2-yloxy)acetate

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

### SECTION 16. OTHER INFORMATION

Revision Date : 30.07.2021

Date format : dd.mm.yyyy

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)  
AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA : 8-hour, time-weighted average  
AU OEL / TWA : Exposure standard - time weighted average  
AU OEL / STEL : Exposure standard - short term exposure limit

AiIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect

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Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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