SAFETY PRECAUTIONS

Operator protection:
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
DO NOT BREATHE SPRAY.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH HANDS AND EXPOSED SKIN before eating and drinking or smoking and after work.
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

Environmental protection:
Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from yards and roads.

Storage and disposal:
KEEP OUT OF REACH OF CHILDREN.
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
DO NOT RE-USE CONTAINER for any purpose.

PROFESSIONAL USE ONLY

SHAKE WELL BEFORE USE.
PROTECT FROM FROST.

Pack size: 2.0 Litres

This label is compliant with the CPA Voluntary Initiative Guidance (UK only).

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

Manufactured and Registered by:
Dow AgroSciences Limited
Latchmore Court, Brand Street, Hitchin,
Hertfordshire, SG5 1NH.
Telephone Hitchin +44(0)1462 457272
Fax +44(0)1462 426605

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

Product Registration Number: MAPP 13912/PCS No. 03510
An emulsifiable concentrate containing 144 g/litre (13.85% w/w) furoxyyst-methyl (100 g/litre equivalent), 80 g/litre (7.69% w/w) cyprodinyl and 2.5 g/litre (0.24% w/w) florasulan.
A post-emergence herbicide for use on MANAGED AMENITY TURF, including lawns, and AMENITY GRASSLAND for the control of DAISY, DANDELION, CLOVER, BUTTERCUP, RIBWORT PLANTAIN and other broad-leaved weeds.

IMPORTANT INFORMATION
FOR USE ONLY AS AN HORTICULTURAL HERBICIDE

<table>
<thead>
<tr>
<th>Situation</th>
<th>Maximum Individual Dose</th>
<th>Maximum Number of Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managed amenity turf, lawn, amenity grassland</td>
<td>2.0 litres product per hectare</td>
<td>One per year</td>
</tr>
</tbody>
</table>

Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Follow the Code of Practice for Using Plant Protection Products.

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

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Hertfordshire, SG5 1NH.
Telephone Hitchin +44(0)1462 457272
Fax +44(0)1462 426605

24 Hour Emergency
Telephone Number: +44 (0) 1502 761 251

Distributed by:
Evers Limited
Epsom House, West Road, Ipswich, IP3 9PJ
Telephone +44 (0) 1440 6090470
Fax +44 (0) 1473 237 128

*Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow

TRIPLE RINSE CONTAINER, PUNCTURE AND INVERT TO DRY AT TIME OF USE

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

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

GENERAL INFORMATION

PRAXYS® herbicide has activity against a range of broad-leaved weeds. The ideal timing for application is when the weeds are small and actively growing.

NOTES

Broad-leaved weeds not present at application will not be controlled.
An interval of four weeks must elapse between application of PRAXYS® and re-seeding turf.
Do not use any plant material treated with PRAXYS® for composting or mulching.
Do not apply if furtgrass is wet.
Do not apply to turf, lawns or grass areas which are under stress.
Do not apply if night temperatures are low, if ground frost is imminent, or in periods of prolonged cold or dry weather. Ensure weeds are actively growing as after periods of prolonged drought, weeds can take a long time to start actively growing again after soil moisture returns.
Take extreme care to avoid drift onto crop and non-target plants, e.g. trees, shrubs, bedding, outside the target area.

RESISTANCE

PRAXYS® contains active ingredients with differing modes of action and the risk of resistance build-up is therefore reduced. However, as forsythalis is an ALS inhibitor there is a risk of resistance building to this active ingredient and so precautions should be taken to minimise this risk. Therefore, avoid using single mode of action herbicides, such as ALS inhibitors in the same field over a number of years. Users are advised to apply products containing herbicides with different modes of action or use sequences or tank mixes where two or more components are active against the target weeds.

AREA OF USE

PRAXYS® can be applied to well-established managed amenity turf, including lawns, and amenity grassland.

PRAXYS® has been tested for selectivity on the following range of turf grass species:

- Annual meadow grass
- Perennial ryegrass
- Chewings fescue
- Smooth-stalked meadow grass
- Creeping bent
- Rough-stalked bluegrass

In view of the large number of turf grass cultivars grown consult manufacturer for current approved list or test PRAXYS® on turf safety on a small area of turf before overall application.

APPLICATION TIMING

Apply when weeds are in active growth normally from March to October when the soil is moist. Do not apply in periods of drought unless irrigation is applied. Avoid mowing 3 days before and after spraying to ensure sufficient weed leaf surface is present and to allow uptake and movement of PRAXYS® within the weed.

RATE OF APPLICATION AND WEEDS CONTROLLED

One application of PRAXYS® will control susceptible emerged weeds at the following rates:

<table>
<thead>
<tr>
<th>Weed</th>
<th>Rate L product/ha</th>
<th>Rate mL product/100 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bird’s-foot trefoil</td>
<td>1.0</td>
<td>10</td>
</tr>
<tr>
<td>Black medick</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bristy extolge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common cat’s ear</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>Creeping cinquefoil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sorrel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White clover</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common daisy</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>Common dandelion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common mouse-sar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greater plantain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creeping buttercup</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ribwort plantain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sell hail</td>
<td>2.0</td>
<td>20</td>
</tr>
<tr>
<td>Spear thistle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slender speedwell</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Moderate control only.

WATER VOLUME

For overall application apply PRAXYS® in 200 litres of water per hectare. For knapsack application apply PRAXYS® in 2 litres of water per 100 m².

APPLICATION EQUIPMENT

PRAXYS® may be applied through tractor-mounted hydraulic sprayers or knapsack sprayers providing they are in good working order and have been calibrated according to the manufacturer’s recommendations.

Do not apply through CDA applicators.

MIXING

Half fill the spray tank with water and add the required amount of PRAXYS®. Fill up the spray tank, agitating continuously to ensure thorough mixing, and maintain agitation until spraying is complete. Use only clean water for mixing.

SPRAY QUALITY

Apply PRAXYS® as a MEDIUM spray as defined by the BCPC system.

TANK CLEANING

To avoid subsequent injury to crops other than managed amenity turf, lawns and amenity grassland, all spraying equipment must be thoroughly cleaned both inside and out, using All Clear Extra spray cleaner as follows:
1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add All Clear Extra at the recommended rate. Agitate and then briefly flush the booms and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Rinse the booms and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with All Clear Extra solution containing 50 ml of All Clear Extra per 10 litres of water.
5. Rinse the tank with clean water and flush through the booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

Dow AgroSciences Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose or our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

*Trademark of the Dow Chemical Company (“Dow”) or an affiliated company of Dow
Safety Data Sheet

This Safety Data Sheet does not form part of the approved product label.

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

1.1 Product Identifiers
Product name: PRAXYS HERICIDI

1.2 Relevant identified uses of the substance or mixture and uses advised against identified uses: Plant Protection Product

1.3 Details of the supplier of the safety data sheet
COMPANY IDENTIFICATION
DOW AGROSCIENCES LIMITED
LATCHMORE COURT
BRAND STREET
HITCHIN
England
SS2 1NH
UNITED KINGDOM

Customer Information Number: endoquesttn@new.com

4.1 EMERGENCY TELEPHONE NUMBER
24-Hour Emergency Contact: 0301 115 69 482
Local Emergency Contact: 00 311 115 69 482

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EU) 1272/2008:
Acute toxicity - Category 4 - Inhalation - H332
Skin irritation - Category 2 - H315
Eye irritation - Category 2 - H319
Aspiration toxicity - Category 1 - H304
Acute aquatic toxicity - Category 1 - H400
Chronic aquatic toxicity - Category 1 - H410

For the full text of the H-statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC:
Harmful - R20
Irritant - R36/38
Dangerous for the environment - R50/53

For the full text of the R-phrases mentioned in this Section, see Section 16.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS):

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

<table>
<thead>
<tr>
<th>CASRN / EC-No. / Index-No.</th>
<th>REACH Registration Number</th>
<th>Concentration</th>
<th>Component</th>
<th>Classification: REGULATION (EC) No 1272/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASRN B406-37-3 EC-No.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>279-752-9 Index-No.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>601-272-05</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| ---                       | 13.9%                   | Thiram-600   | Aquatic Acute - 1 - H400 Aquatic Chronic - 1 - H410 |}

For the full text of the H-statements mentioned in this Section, see Section 16.
SECTION 4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescue protection (pocket mask etc.) Call a poison control centre or doctor for treatment advice. If breathing is difficult, oxygen should be administered by qualified personnel.

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

Eye contact: Hold eyes 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 eyes. Call a poison control centre or doctor for treatment advice. Suitable emergency eye wash facilities should be available in work area.

Ingestion: Immediately give 1 or 2 glasses of water. Call a poison control centre or doctor. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed: Aside from the information found under Description of first aid measures (above) and indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicological Information.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed: Notes to physician: Excessive exposure may aggravate pre-existing asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome). Maintain adequate ventilation and oxygenation of the patient. May cause asthma-like (reactive airways) symptoms. Bronchodilators, expectorants, antitussives and corticosteroids may be of help. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. If laryngeal is performed, suggest endotracheal and/or esophageal intubation. Danger from lung aspiration must be weighed against toxicity when considering emphysema. The decision of whether to induce vomiting or not should be made by a physician. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control centre or doctor, or going for treatment.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (AFFF) or protein foams may function, but will be less effective.

Unsuitable extinguishing media: Do not use direct water stream. May spread fire.

5.2 Special Hazards Arising from the Substance or Mixture

Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Sulfur oxides. Nitrogen oxides. Hydrogen fluoride. Carbon monoxide. Carbon dioxide. Unusual Fire and Explosion Hazards: Violent steam generation or explosion may occur upon application of direct water stream to hot liquids.

5.3 Advice for FireFighters

Fire Fighting Procedures: Keep away from fire, use water spray to cool exposed containers and fire affected zone until fire is out and danger of reignition has passed. Burning liquids may be extinguished by clout with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the “Accidental Release Measures” and the “Ecological Information” sections of this (MSDS).

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Keep upwind of spill. Ventilate area of leak or spill. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

6.2 Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Spills or discharge to natural waterways is likely to kill aquatic organisms.

6.3 Methods and Materials for Containment and Cleaning Up: Contain spilled material if possible. Spill clean-up: Absorb with materials such as: Clay. Dirt. Sand. Sweep up. Collect in suitable and properly labeled containers. Large spills: Contact Dow AgroSciences for clean-up assistance. See Section 13, Disposal Considerations, for additional information.

6.4 References to Other Sections: References to other Sections, if applicable, have been provided in the previous sub-sections.
SECTION 7. HANDLING AND STORAGE
7.1 Precautions for safe handling: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapours or mist. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

7.2 Conditions for safe storage, including any incompatible materials: Store in dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.

7.3 Specific end uses: Refer to product label.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters: Exposure limits are listed below. If they exist.

<table>
<thead>
<tr>
<th>Component</th>
<th>Regulation</th>
<th>Type of listing</th>
<th>Value/Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorophosphoryl neoplyl (ISO)</td>
<td>Dow HG</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Chlorophenol (ISO)</td>
<td>Dow HG</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Furan</td>
<td>GB EH90</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>ACOSH</td>
<td>TWA</td>
<td>10 ppm</td>
</tr>
<tr>
<td>91/322/EEC</td>
<td>ACOSH</td>
<td>TWA</td>
<td>Absorbed via skin</td>
</tr>
<tr>
<td>91/322/EEC</td>
<td>ACOSH</td>
<td>TWA</td>
<td>50 mg/m³</td>
</tr>
</tbody>
</table>

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

8.2 Exposure controls: Engineering controls: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Individual protection measures:
- Eye protection: Use chemical glasses. Chemical goggles should be consistent with EN 166 or equivalent.
- Skin protection:

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties:

Appearance:
- Physical state: Liquid
- Colour: Yellow to brown
- Odour: Aromatic

Odour Threshold:
- No test data available

pH:
- 2.49 (1% aqueous suspension)
- Not applicable

Fuming point:
- No test data available

Boiling point (700 mmHg):
- Greater than 100 °C

Evaporation Rate (Butyl Acetate = 1):
- Not applicable to liquids

Flammability (solid, gas):
- No test data available

Lower Explosion Limit:
- Not applicable to liquid

Upper Explosion Limit:
- Not applicable to liquid

Vapour Pressure:
- No test data available

Vapour Pressure Density (air = 1):
- 1.039 at 20 °C

Relative Density (water = 1):
- 0.930 at 20 °C

Oscillating Cylinder Method

SECTION 10. STABILITY AND REACTIVITY
10.1 Reactivity: No test data available

10.2 Chemical stability: Thermally stable at typical use temperatures.

10.3 Possibility of hazardous reactions: Polymerization will not occur.

10.4 Conditions to avoid: Some components or this product can decompose at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

10.5 Incompatible materials: Avoid contact with: Strong acids, Strong bases, Strong oxidizers.

10.6 Hazardous decomposition products: Decomposition products depend upon temperature, air supply, and the presence of other materials. Decomposition products can include and are not limited to: Carbon monoxide, Carbon dioxide, Hydrogen fluoride, Nitrogen oxides, Sulfur oxides. Toxic gases are released during decomposition.

SECTION 11. TOXICOLOGICAL INFORMATION
Toxicological information on this product or its components appear in this section when such data is available.

11.1 Information on toxicological effects:

Acute toxicity:
- Acute oral toxicity:
  - Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury, however, swallowing larger amounts may cause injury.
  - As product, LD50, rat, 3,378 mg/kg Estimated

Acute dermal toxicity:
- Prolonged skin contact is unlikely to result in absorption of harmful amounts.
As product:
LD50, rat, male and female, > 5,000 mg/kg
Acute inhalation toxicity
Mist may cause severe irritation of the upper respiratory tract (nose and throat) and lungs. Prolonged excessive exposure to mist may cause serious adverse effects, even death. naso/oral effects: No relevant data found.

As product:
LC50, rat, female, 4 Hour, dust/mist, 3.35 mg/l Estimated.

Skin corrosion/irritation
Brief contact may cause moderate skin irritation with local redness. Effects may be slow to heal.

Serious eye damage/eye irritation
May cause moderate eye irritation. May cause sight cornic injury.

Sensitization
Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:
No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure)
Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)
For the major component(s):
In animals, effects have been reported on the following organs:
Liver, Gastrointestinal tract.
For the minor component(s):
In animals, effects have been reported on the following organs:
Kidney.

Carcinogenicity
For the active ingredient(s): Did not cause cancer in laboratory animals.

Teratogenicity
Clorpyralid caused birth defects in test animals, but only at greatly exaggerated doses that were severely toxic to the mothers. No birth defects were observed in animals given clorpyralid at doses several times greater than those expected during normal exposure. For the active ingredient(s): Fluroxypyr 1-methylpyrrol ester. Has been toxic to the foetus in laboratory animals at doses toxic to the mother.

Reproductive toxicity
In animal studies, active ingredient did not interfere with reproduction.

Mutagenicity
For the active ingredient(s): In vitro genotoxicity studies were negative. Animal genotoxicity studies were negative.

Aspiration Hazard
May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION
Ecotoxicological information on this product or its components appear in this section when such data is available.

12.1 Toxicity

Acute toxicity to fish
Material is very toxic to aquatic organisms (LC50/EC50/IC50 below 1 mg/L in the most sensitive species).
LC50, Oncorhynchus mykiss (rainbow trout), flow-throug test, 96 Hour, 7.1 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates
EC50, Daphnia magna (Water flea), static test, 48 Hour, 6.9 mg/l, OECD Test Guideline 202 or Equivalent

Acute toxicity to algae/aquatic plants
ErC50, Pseudokirchneriella subcapitata (green algae), 72 Hour, Biomass, 3.1 mg/l, OECD Test Guideline 201 or Equivalent
ErC50, Lemna gibba, 7 d, Growth rate inhibition, 0.42 mg/l
ErC50, diatom Navicula sp., 72 Hour, Biomass, 1.7 mg/l, OECD Test Guideline 201 or Equivalent

Toxicity to Above Ground Organisms
Material is practically non-toxic to birds on an acute basis (LD50 > 2000 mg/kg).
oral LD50, Colinus virginianus (Bobwhite quail), >2250mg/kg bodyweight.
oral LD50, Apis mellifera (bees), 48 Hour, > 86.7\mu g/bee contact LD50, Apis mellifera (bees), 48 Hour, > 200\mu g/bee

Toxicity to soil dwelling organisms
LC50, Eisenia fetida (earthworms), 14 d, 248.21 mg/kg

12.2 Persistence and degradability

fluoroxypr-1-methylpyrrol (ISO)
Biodegradability: Material is not readily biodegradable according to OECD guidelines.
10-day Window: Fail
Biodegradation: 32 %
Exposure time: 28 d
Method: OECD Test Guideline 301F or Equivalent
Theoretical Oxygen Demand: 2.2 mg/mg

Clorpyralid (ISO)
Biodegradability: Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EC tests for ready biodegradability.
10-day Window: Fail
Biodegradation: 5 - 10 %
Exposure time: 28 d
Method: OECD Test Guideline 301B or Equivalent
Theoretical Oxygen Demand: 3.71 mg/mg

Ficamassium (ISO)
Biodegradability: Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EC tests for ready biodegradability.
10-day Window: Fail
Biodegradation: 2 %
Exposure time: 28 d
Method: OECD Test Guideline 301B or Equivalent
Theoretical Oxygen Demand: 3.85 mg/mg

Biolgical oxygen demand (BOD)

<table>
<thead>
<tr>
<th>Incubation Time</th>
<th>BOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 d</td>
<td>0.012 mg/mg</td>
</tr>
</tbody>
</table>

Stability in Water (1/2-life) Hydrolysis, pH 4 - 9, Half-life Temperature: Stable

Hydrocarbons, C10-C13, aromatics, <1% naphthalene
Biodegradability: For similar material(s): Biodegradation may occur under aerobic conditions (in the presence of oxygen). Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

N,N-Dimethyloctanamide
Biodegradability: Material is readily biodegradable. Passes OECD tests(s) for ready biodegradability.
10-day Window: Pass
Biodegradation: > 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301F or Equivalent

Benzenesulfonic acid, dodecyl - calcium salt
Biodegradability: For similar material(s): Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.
10-day Window: Pass
Biodegradation: > 95 %
Exposure time: 28 d
Method: OECD Test Guideline 301E or Equivalent
14.3 Class
14.4 Packing group
14.5 Environmental hazards
14.6 Special precautions for user
14.7 Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Classification for AIR transport (IATA/ICAO):

14.1 UN number
14.2 Proper shipping name
14.3 Class
14.4 Packing group
14.5 Environmental hazards
14.6 Special precautions for user

H315
Causes skin irritation.
H318
Causes serious eye damage.
H319
Causes serious eye irritation.
H322
Harmful if ingested.
H336
May cause drowsiness or dizziness.
H351
Suspected of causing cancer.
H400
Very toxic to aquatic life.
H410
Very toxic to aquatic life with long lasting effects.
H411
Toxic to aquatic life with long lasting effects.

Full text of R-phrases referred to under sections 2 and 3
R20
Harmful by inhalation.
R22
Harmful if swallowed.
R36/38
Irritating to eyes and skin.
R38
Irritating to skin.
R40
Limited evidence of a carcinogenic effect.
R41
Risk of serious damage to eyes.
R50
Very toxic to aquatic organisms.
R50/53
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53
May cause long-term adverse effects in the aquatic environment.
R65
Harmful may cause lung damage if swallowed.
R66
Repeated exposure may cause skin dryness or cracking.
R67
Vapours may cause drowsiness and dizziness.

SECTION 15. REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/regulation specific for the substance or mixture

This product contains only components that have been either pre-registered, registered, are exempt from registration or are regarded as registered according to Regulation (EC) No. 1907/2006 (REACH). The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. It is the buyer/user’s responsibility to ensure that higher understanding of the regulatory status of this product is correct.

Registration Number: MAP 13912/PCS No. 03510

15.2 Chemical Safety Assessment
For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

SECTION 16. OTHER INFORMATION
Full list of H-statements referred to under sections 2 and 3.

H302
Harmful if swallowed.
H304
May be fatal if swallowed and enters airways.
### Legend

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Absorbed via skin</td>
<td>Absorbed via skin</td>
</tr>
<tr>
<td>ACGIH</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td>Dow IHS</td>
<td>Dow Industrial Hygiene Guideline</td>
</tr>
<tr>
<td>GB EH40</td>
<td>UK, EH40 WEL - Workplace Exposure Limits</td>
</tr>
<tr>
<td>TWA</td>
<td>8-hour, time-weighted average</td>
</tr>
</tbody>
</table>

### Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

DOW AGROSCIENCES LIMITED urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.
SAFETY PRECAUTIONS

Operator protection:
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACE SHIELD) when handling the concentrate.
However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

DO NOT BREATHE SPRAY.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH HANDS AND EXPOSED SKIN before eating and drinking or smoking and after work.
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

Environmental protection:
Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from yards and roads.

Storage and disposal:
KEEP OUT OF REACH OF CHILDREN.
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
DO NOT RE-USE CONTAINER for any purpose.

PROFESSIONAL USE ONLY

SHAKE WELL BEFORE USE.
PROTECT FROM FROST.

Pack size: 2.0 Litres €

This label is compliant with the CPA Voluntary Initiative Guidance (UK only).

IMPORTANT INFORMATION

FOR USE ONLY AS AN HORTICULTURAL HERBICIDE

<table>
<thead>
<tr>
<th>Situation</th>
<th>Maximum Individual Dose</th>
<th>Maximum Number of Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managed amenity turf</td>
<td>2.0 litres product per hectare</td>
<td>One per year</td>
</tr>
<tr>
<td>Lawn, amenity grassland</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

Manufactured ad Registered by:
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TRIPLE RINSE CONTAINER, PUNCTURE AND INVERT TO DRY AT TIME OF USE

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