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| 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY | | | | |
| Safety Data Sheet For: | EVERGREEN COMPLETE | | | |
| Common name of active ingredient: | MCPA, mecoprop-P, ferrous sulphate | | | |
| Intended use: | For use only as a Home Garden Lawn Treatment (weedkiller, fertiliser and mosskiller) | | | |
| Dilution: | Ready to use at 35g/m ² | | | |
| For further information contact: | Consumer Business Group, The Scotts Company (UK) Limited, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey GU7 1XE. Tel: 01483 410 210 | | | |
| 24 Hour Emergency Telephone Line: | 01865 407333 | | | |
| Date of Introduction: | September 2000 | | | |
| Date of Withdrawal: | - | | | |
| Date of Change: | - | | | |
| 2. COMPOSITION INFORMATION ON INGREDIENTS (Directive 91/155/EC & 93/112/EC) | | | | |
| Spec No. | 007962 | | | |
| Nitrogen - Phosphorus - Potassium (N-P-K): | 14-2-4 | | | |
| Ingredient(s) | Composition | CAS No. | Symbols | R Phrases |
| MCPA | 0.49 %w/w | 29450-45-1 | Xn | R20/21/22 |
| Mecoprop-P | 0.29%w/w | 16484-77-8 | Xn | R20/22 -43 |
| Ferrous sulphate | 16.9 %w/w | 7720-78-7 | Xn | R22 |
| Sand | 11-20%w/w | - | - | - |
| 3. HAZARDS IDENTIFICATION | | | | |
| Classification: (UK COPR) | NOT CLASSIFIED | | Symbol(s): | NOT REQUIRED |
| Ingestion: | Low toxicity, may be slightly irritant locally | | | |
| Eye contact: | Mild irritant | | | |
| Skin contact: | Mild irritant, low toxicity | | | |
| Inhalation: | Low toxicity, may be slightly irritant locally. | | | |
| PRECAUTIONS (From the label): KEEP AWAY FROM CHILDREN AND PETS. WASH HANDS AND EXPOSED SKIN AFTER USE. HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate ponds or streams. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. EMPTY CONTAINER THOROUGHLY and dispose of safely. | | | | |
| 4. FIRST AID MEASURES | | | | |
| Ingestion: | IF SWALLOWED, do not induce vomiting: seek medical advice if consumed in large quantities and show the container or label. | | | |
| Eye contact: | Immediately irrigate with eyewash solution or clean water, holding the eyelids apart for at least 15 minutes. | | | |
| Skin contact: | Immediately flush skin with water for several minutes whilst removing contaminated clothing. | | | |
| Inhalation: | Remove patient from exposure, keep warm and at rest. | | | |
| 5. FIRE FIGHTING MEASURES | | | | |
| May product fumes if heated to decomposition. Do not breathe fumes. Drench packs with water if exposed to fire. Contain run off to prevent release to waterways, sewers etc. If water pollution occurs, notify appropriate authorities. | | | | |
| 6. ACCIDENTAL RELEASE MEASURES | | | | |
| Wear protective clothing as detailed in section 8. Collect up and dispose of safely. Report to water authority if material enters a water course or sewer. | | | | |

7. HANDLING AND STORAGE

Store in a dry place. Store away from composts and other fertilizers. Store in original container, tightly closed in safe place out of reach of children and pets.

Shelf life: At least 2 years.
Product packaging: 0.175kg to 3.6kg cardboard cartons; 1.75kg to 17.5kg LDPE sacks;
1.75 to 3.6kg HDPE dispenser pack.
Special precautions: Wash hands and exposed skin after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

For normal use (from the label):
None required - gloves can be worn for personal hygiene if desired.

In case of accidental spillage :
Coverall, faceshield (BS 2092 G1), dust respirator providing a minimum protection factor of 10 which has a HSE type approval, nitrile gloves and rubber boots.

Occupational Exposure Standard(s) EH40:

Mecoprop-P (supplier):
OES: 15 mg/m³ LTEL (8 hr TWA); 30 mg/m³ STEL (15 min)
MCPA (supplier):
OES: 14 mg/m³ LTEL (8 hr TWA); 28 mg/m³ STEL (15 min)
Iron salts (as Fe):
OES: 1 mg/m³ LTEL (8 hr TWA); 2 mg/m³ STEL (15 min)
Sand (as for amorphous silica):
OES: 6 mg/m³ LTEL (8 hr TWA) total inhalable dust
OES: 2.4 mg/m³ LTEL (8 hr TWA) total respirable dust

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical nature: | Herbicide applied to a mini-granular fertilizer mosskiller base | Flash point: | Not applicable |
| Appearance/odour: | Beige/slight aromatic | Flammability: | Non-flammable |
| Water solubility: | Partial (fert. salts, f. sulphate) | Decomposition temperature: | Not known |
| Lipid solubility: | Partial (MCPA, mecoprop-P) | Explosion limits: | Not known |
| Specific gravity: | 650 - 750g/l | pH: | Not applicable |
| Boiling point: | Not applicable | Other: | None known |
| Oxidising properties: | None known | | |

10. STABILITY AND REACTIVITY

Stability (normal conditions): Stable
Conditions to avoid: Extremes of temperature, contact with alkali
Incompatible with: Strong alkali
Hazardous decomposition products: Ammonia

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀: Product (by extrapolation) (rat) >2000 mg/kg bw
Active ingredient (MCPA): (rat) 900 - 1160 mg/kg
Active ingredient (mecoprop-P): (rat) 1050 mg/kg
Active ingredient (ferrous sulphate): The lowest lethal dose in humans by oral ingestion estimated at 40-60 mg/kg

Ingestion: Low toxicity, may be slightly irritant locally
Acute Dermal LD₅₀: Product (by extrapolation): (rat) >2000 mg/kg bw
Active ingredient (MCPA): (rat) >4000 mg/kg
Active ingredient (mecoprop-P): (rat) >4000 mg/kg

Skin: Low toxicity
Eyes: Mild irritant
Inhalation LC₅₀ (4h): Active ingredient (MCPA): (rat) >6.36 mg/l
Active ingredient (mecoprop-P): (rat) >5.6 mg/l
Low toxicity, may be slightly irritant locally

Other: None known



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| 12. ECOLOGICAL INFORMATION | |
| All information below is for two of the active ingredients of the product MCPA & mecoprop-P | |
| Daphnia: LC₅₀: | MCPA & mecoprop-P: >100 mg/l |
| Fish: LC₅₀ (96h): | MCPA: rainbow trout: 232 mg/l mecoprop-P: trout 150-220 mg/l |
| Birds: LD₅₀: | MCPA: bobwhite quail 377mg/kg. mecoprop-P: quail c. 500 mg/kg. |
| Bees: LD₅₀: | MCPA: 0.104 mg/bee mecoprop-P: (48h)>25µg/bee |
| Biodegradation: | The active ingredient MCPA has a aerobic half-life = 24 days; active ingredient mecoprop-P half-life = 7 days. |
| Other: | None known |
| Precautions (from the label): HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate ponds or streams. | |
| 13. DISPOSAL CONSIDERATIONS | |
| User: Empty containers should not be used for any other purposes. Place empty packs in the domestic refuse. | |
| Surplus Bulk Product/Spillage: Via local authority or authorised waste disposal contractor. | |
| 14. TRANSPORT INFORMATION | |
| NOT CLASSIFIED | |
| 15. REGULATORY INFORMATION | |
| Classification: (UK COPR) | NOT CLASSIFIED |
| Symbol(s): | NOT REQUIRED |
| This product is classified under the Control of Pesticides Regulations 1986 | |
| PRECAUTIONS (From the label): KEEP AWAY FROM CHILDREN AND PETS. WASH HANDS AND EXPOSED SKIN AFTER USE. HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate ponds or streams. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. EMPTY CONTAINER THOROUGHLY and dispose of safely. | |
| Current Registration Number: | UK MAPP 10091 |
| Previous Registration Number(s): | None |
| 16. OTHER INFORMATION | |
| For further advice authorised persons (Doctor/Veterinary Surgeon) may contact the National Poisons Information Service Centre: | |
| Belfast: | 01232 240503 |
| Birmingham: | 0121 507 5588 or 0121 507 5589 |
| Cardiff: | 029 2070 9901 |
| Dublin: | 00 353 1 837 9964 or 00 353 1 837 9966 |
| Edinburgh: | 0131 536 2300 or 0131 536 1000 |
| Leeds: | Veterinary only: 01132 450530 |
| London: | 020 763 59191 |
| Newcastle: | 01912 820300 or 01912 325131 |
| Reference number: | SDS No: 214 |
| Version: | 1 |
| Date of Sheet: | 17 th August 2000 |
| The appearance of a 'REVISION' stamp and or colour line in the left hand side border of any of the boxes indicates a change in the information to the previous issue. | |
| The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non standard uses of the product nor where instructions or recommendations are not followed. | |