

# VITAX SAFETY INFORMATION SHEET

## IDENTIFICATION OF PREPARATION **WEED 'N' FEED EXTRA**

Packaging: 25 kg polyethylene sacks.

### AND COMPANY

Vitax Ltd, Owen Street, Coalville LE67 3DE Tel: 01530 510060

### COMPOSITION

Combined fertiliser weedkiller and mosskiller powder containing 8% nitrogen, 4% potassium oxide, 3.6% iron as iron sulphate, 0.225% 2,4-D and 0.225% mecoprop-P

| INGREDIENT                    | % w/w | CLASSIFICATION | CAS NO    | EC NO     |
|-------------------------------|-------|----------------|-----------|-----------|
| ferrous sulphate heptahydrate | 17.8  | Xn R22         | 7782-63-0 | 231-753-5 |

### HAZARDS IDENTIFICATION

Not classified as dangerous. **Contains 2,4-D - may produce an allergic reaction**

### FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:-

Eye Contact - dusty/gritty material expected to cause irritation to eyes.

Skin Contact - repeated and/or prolonged contact may cause irritation.

Ingestion - ingestion of large quantities may cause irritation of gastro intestinal tract leading to nausea, vomiting and abdominal pain.

Inhalation - high concentration of dust may be irritating to trachea and lungs.

Additional medical guidance is available to doctors from the National Poisons Information Service.

Eye Contact - irrigate with water thoroughly and seek medical advice.

Skin Contact - wash with soap and water. Remove and wash contaminated clothing.

Ingestion - rinse out mouth with plenty of water and seek medical aid immediately.

Inhalation - remove to fresh air and seek medical aid.

### FIRE FIGHTING MEASURES

Not flammable.

**Extinguishing media:** Extinguish with water spray or dry powder. Contain contaminated run-off.

**Exposure hazards:** In intense heat, product decomposition will release hazardous nitrogen and sulphur oxide fumes.

**Special protective equipment:** Wear self-contained breathing apparatus in confined spaces.

### ACCIDENTAL RELEASE MEASURES

**Personal precautions** Refer to exposure controls/personal protection and disposal considerations for further details.

**Environmental precautions: report to local water plc immediately if spillage enters drains and the Environment Agency or Scottish Environment Protection Agency if it enters surface or ground waters**

**Spillages:** Sweep up spills carefully to minimise dust. Transfer to heavy duty plastic bags or drums and keep safe for disposal.

### HANDLING & STORAGE

**Handling:** Do not block stack pallets.

**Storage:** Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area away from foodstuffs.

### EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards (EH40) for iron salts (as Fe) in air 1 mg/m<sup>3</sup> (8 hr), 2 mg/m<sup>3</sup> (15 min), for 2,4-D, 10 mg/m<sup>3</sup> (8 hr), 20 mg/m<sup>3</sup> (15 min). Normal good hygiene standards should be observed. Do not eat, drink or smoke when handling spillage. **Wear pvc, natural rubber or nitrile gloves (EN420 & 374), overalls, goggles (EN166) and dust mask (EN140 or 149) where dust cannot be adequately controlled by engineering measures.**

### PHYSICAL & CHEMICAL

Appearance buff powder with white and black particles

## PROPERTIES

|                      |                            |
|----------------------|----------------------------|
| Odour                | faint phenolic odour       |
| pH                   | not applicable-solid       |
| Boiling point        | decomposes above 300 deg C |
| Melting point        | decomposes above 300 deg C |
| Flash point          | none                       |
| Flammability         | not flammable              |
| Autoflammability     | none                       |
| Explosivity          | none                       |
| Oxidizing properties | none                       |
| Vapour pressure      | not applicable             |
| Relative density     | 1.18 g/ml (tapped)         |
| Solubility           | largely insoluble in water |
| Other data           | none                       |

## STABILITY & REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** avoid high temperatures

**Hazardous decomposition products:** Product decomposition under intense heat may release toxic nitrogen and sulphur oxide fumes.

## TOXICOLOGICAL INFORMATION

Green Up Feed & Weed plus Mosskiller is considered to be of low toxicity. Based on product components, ingestion of large quantities can cause gastric irritation and possibly delayed metabolic acidosis, coma and eventual liver damage.

To the best of our knowledge physical, chemical and toxicological properties have not been fully investigated.

## ECOLOGICAL INFORMATION

**DO NOT CONTAMINATE SURFACE WATER OR DITCHES with chemical or used container.**

2,4-D and mecoprop are rapidly degraded by soil microbial activity in warm moist topsoil.

Ferrous sulphate is used to lower soil pH to flocculate clay particles and to correct iron deficiency in plants. Nitrogen, phosphate and potassium are essential plant nutrients.

Do not exceed recommended application rates.

## DISPOSAL CONSIDERATIONS

Dispose of waste through a reputable waste disposal contractor in accordance with the Environmental Protection Act 1990.

## TRANSPORT INFORMATION

Not classified as dangerous for carriage.

## REGULATORY INFORMATION

Not classified as dangerous for supply. Occupational Exposure Standards: for iron salts (as Fe) in air 1 mg/m<sup>3</sup> (8 hr), 2 mg/m<sup>3</sup> (10 min), for 2,4-D, 10 mg/m<sup>3</sup> (8 hr) 20 mg/m<sup>3</sup> (10 min). For nuisance dusts: 10 mg/m<sup>3</sup> (8 hr) total inhalable, 5 mg/m<sup>3</sup> (8 hr) respirable.

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

## OTHER INFORMATION

The product label provides information on a specific pesticidal use of the product: do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use is permitted under the Control of Pesticides Regulations.

Prepared by VITAX LTD, for Health and Safety purposes from the best knowledge available at the time of printing.

**Revision February 2004  
replaces October 2001**