



# SAFETY DATA SHEET

## HALF FRASER Selective Supplement

Date of issue - 06/07/2006.

SR0166

### Section 1. Chemical Product and Company Identification

**Product No.** SR0166  
**Trade name** HALF FRASER Selective Supplement  
**Manufacturer** Oxoid Ltd  
Wade Road  
Basingstoke  
Hants.  
RG24 8PW  
Tel. 44 (0) 1256 841144  
Fax. 44 (0) 1256 463388  
**Emergency telephone number** CareChem24: + 44 (0)1865 407333

### Section 2. Composition, Information on Ingredients

#### Preparation - Hazardous ingredients ( Europe )

Component	CAS No. / EINECS Number	Concentration	Classification	Risk Phrases
Ammonium Ferric Citrate		76.20 % w/w	-	-
Acriflavin Hydrochloride	8063-24-9	1.90 % w/w	Xn - Harmful. Xi - Irritant. N - Dangerous to the Environment.	R22- Harmful if swallowed. R37/38- Irritating to respiratory system and skin. R41- Risk of serious damage to eyes. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Nalidixic Acid (Sodium Salt)	3374-05-8 222-159-7	1.50 % w/w	Xn - Harmful.	R42/43- May cause sensitization by inhalation and skin contact.

### Section 3. Hazards Identification

**Most Important Hazards** \*\*\* Revised \*\*\* May cause sensitization by inhalation and skin contact.  
**Human health hazards - Eyes** May cause conjunctival irritation.  
**Human health hazards - Skin** Hypersensitivity reactions may develop leading to contact dermatitis.  
**Human health hazards - Ingestion** A large dose may have the following effects:- diarrhoea, nausea, vomiting.  
**Human health hazards - Inhalation** May cause sensitization by inhalation.

### Section 4. First Aid Measures

**First Aid - Eyes** Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.  
**First Aid - Skin** Wash skin thoroughly with soap and water. Contaminated clothing should first be decontaminated then washed or dry-cleaned before re-use. Obtain medical attention.  
**First Aid - Ingestion** Wash out mouth with water. Have victim drink 240-300ml of water to dilute stomach contents.  
**First Aid - Inhalation** Remove from exposure. Obtain medical attention.



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### Section 5. Fire Fighting Measures

**Extinguishing Media - Suitable** Use water spray, foam, dry chemical or carbon dioxide.  
**Special fire-fighting procedures** This product may give rise to hazardous fumes in a fire.

### Section 6. Accidental Release Measures

**Personal Precautions** Wear appropriate protective clothing.  
**Environmental precautions and cleanup methods** Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.  
**Spill** Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.

### Section 7. Handling and Storage

**Handling** Avoid inhaling dust. Use local exhaust ventilation.  
**Storage** Storage temperature should be controlled to between 2 and 8 °C.

### Section 8. Exposure Controls, Personal Protection

#### Occupational Exposure Limits ( Preparation ) - Europe

Ammonium Ferric Citrate Iron salts (as fe): UK EH40: OES 1 mg/m3 8hr TWA.  
Iron salts (as fe): UK EH40: OES 2 mg/m3 15min STEL.

**Engineering measures** Handle the material in a fume hood/cupboard or under local exhaust ventilation.  
**Protective Measures - Respiratory** Dust mask if conditions are dusty.  
**Protective Measures - Hands** Disposable vinyl gloves.  
**Protective Measures - Eyes** Safety glasses or chemical goggles to EN166, 167 and 168.

### Section 9. Physical and Chemical Properties

**Physical state** Pellets.  
**Colour** Orange - Green.

### Section 10. Stability and Reactivity

**Stability** Stable under recommended storage and handling conditions (see section 7).  
**Materials to avoid** Oxidising agents.

### Section 11. Toxicological Information

**Acute toxicity** Low order of acute toxicity.  
Oral LD50 (rat) > 2000 mg/kg.  
Dermal LD50 (rabbit) > 2000 mg/kg.  
Inhalation LC50 (rat) > 20 mg/litre/4h.  
**Eye irritation** The degree of irritation was insufficient to warrant labelling as an eye irritant.  
**Skin irritation** The degree of irritation was insufficient to warrant labelling as a skin irritant.



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### Section 12. Ecological Information

**Ecotoxicity** No relevant studies identified.

### Section 13. Disposal Considerations

**Disposal considerations** Hazardous waste. Dispose of according to all federal, state and local applicable regulations.

**Container information** Labels should not be removed from containers until they have been cleaned.

### Section 14. Transport Information

**UN :** **UN number** Not regulated.

### Section 15. Regulatory Information

**Label Requirements** Harmful



**Risk Phrases** R42/43- May cause sensitization by inhalation and skin contact.

**Safety Phrases** S22- Do not breathe dust.  
S36/37- Wear suitable protective clothing and gloves.  
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**EC Classification** Xn - Harmful.

### Section 16. Other Information

**MSDS first issued** 01/06/2004

**MSDS data revised** 06/07/2006

**Revisions Highlighted** Section 2. Composition, Information on Ingredients  
Section 3. Hazards Identification  
Section 15. Regulatory Information

**Notes** Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.