Name of the Product		**Fraser Selective supplement**
Code No.		**MS 2125**
Section 1 :	**Chemical Identification**	
	Code No. :	MS 2125
	Name of the Product :	Fraser Selective supplement
	Produced by :	Central Drug House Pvt. Ltd.
	Address :	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
	Tel. No. :	00 91 11 49404040

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

Acute toxicity, Oral, (Category 4), H302
Sensitisation, Skin, (Category 1), H317
Serious eye damage or eye irritation, (Category 1), H318Sensitisation, respiratory, (Category 1), H334
Hazardous to the aquatic environment, long term hazard, (Category 2), H411

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008

Pictogram
Signal word Danger

Hazard Statement(s)

H302: Harmful if swallowed
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H411: Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contactlenses, if present and easy to do. Continue rinsing.
P342+P311: IF experiencing respiratory symptoms: call a POISON CENTER ordoctor/physician.

2.3 Other Hazards

None

Section 3 Composition/Information On Ingredients

3.1 Mixture

Component	Classification	Concentration
Acriflavine hydrochloride		
CAS No. : 8063-24-9	**As Per EC Regulation 1272/2008** Acute Tox.oral 4; Eye Dam. 1; Aquatic Chronic 2 H302; H318; H411	>=50 - <=60%

Component	Classification	Concentration
Nalidixic acid		
CAS No. : 389-08-2 EC No. :206-864-7	**As Per EC Regulation 1272/2008** Resp. Sens. 1 H302	>=40 - <=50%

Refer Section 16 for complete statement of H codes and its classification

Section 4 First - Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult aphysician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult aphysician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed

No data available

Section 5 Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), Sodium oxides

5.3 Precautions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

5.4 Further information

No data available

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see Section 13.

Section 7	**Handling and Storage**
	7.1 Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. **7.2 Conditions for safe storage, including any incompatibilities** Store in cool place. 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. ***Recommended Storage Temperature :*** On receipt store between 2-8°C **7.3 Specific end uses** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
Section 8	**Exposure Controls / Personal Protection**
	8.1 Control parameters Components with workplace control parameters **8.2 Exposure controls** ***Appropriate engineering controls*** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products. ***Personal protective equipment*** ***Hygiene measure*** Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product. ***Eye/face protection*** Tightly fitting saftey goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). ***Skin protection*** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. ***Body protection*** Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. ***Respiratory protection*** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). ***Environment exposure controls*** Do not empty into drains.
Section 9	**Physical and Chemical Properties**
	9.1 Information on basic physical and chemical properties

Appearance	Reddish brown homogeneous powder
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Flammability (Solid, gas)	No data available
Vapour pressure	No data available
Relative density	No data available

	Water Solubility — No data available Partition coefficient: n-octanol/water — No data available Autoignition Temperature — No data available Viscosity — No data available Explosive properties — No data available Oxidizing properties — No data available Vapour density — No data available Thermal decomposition — No data available **9.2 Other safety information** No data available
Section 10	**Stability and Reactivity**
	10.1 Reactivity No data available **10.2 Chemical stability** No data available **10.3 Possibility of hazardous reactions** No data available **10.4 Conditions to avoid** No data available **10.5 Incompatible materials** No data available **10.6 Hazardous decomposition products** Other Decomposition products not known.
Section 11	**Toxicological Information**
	11.1 Information on toxicological effects ***Acute toxicity*** No data available ***Skin corrosion/irritation*** Mixture may cause skin irritation. ***Serious eye damage/eye irritation*** Mixture may cause eye irritation. ***Respiratory or skin sensitisation*** No data available ***Germ cell mutagenicity*** No data available ***Carcinogenicity*** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ***Reproductive toxicity*** No data available ***Specific target organ toxicity- single exposure*** No data available ***Specific target organ toxicity - repeated exposure*** No data available ***Aspiration hazard*** No data available **Potential Health Effects** Inhalation ***Skin*** REFER SECTION 2

	Eye REFER SECTION 2 ***Ingestion*** REFER SECTION 2 ***Additional Information*** RTECS : no data available ***11.2 Components*** ***Nalidixic acid*** *Acute oral Toxicity* Rat LD50: 2040mg/kg Mouse LD50: 572mg/kg *Acute Intraperitoneal Toxicity* Rat LD50: 319mg/kg Mouse LD50: 600mg/kg *Acute Intravenous Toxicity* Rat LD50: 1160 mg/kg Mouse LD50: 101mg/kg *Acute Dermal Toxicity* Rat LD50: 1584 mg/kg Mouse LD50: 500mg/kg ***Additional Information*** RTECS: QN2885000 ***Acriflavine Hydrochloride*** *Acute oral Toxicity* Rat LD50: 1048mg/kg *Skin corrosion/irritation* Skin-Rabbit Result: No irritation *Serious eye damage/eye irritation* Eyes-Rabbit Result:Irritation causes cardiovascular effects,Central nervous system depression, Respiratory disorders ***Additional Information*** No data available
Section 12	**Ecological Information**
	12.1 Toxicity No data available **Components** **Acriflavine hydrochloride** *Toxicity to Fish* Leuciscus idus (Golden orfe) LC50 :1 -10 mg/l ;48 h Bluegill/Sunfish LC50: 13.5 mg/l; 48 h Rainbow trout LC50 : 19.9 mg/l; 48 h **12.2 Persistence and degradability** No data available **12.3 Bioaccumulative potential** No data available **12.4 Mobility in soil** No data available **12.5 PBT and vPvB assessment** PBT/vPvB assessment was not conducted as chemical safety assessment is not required.

	12.6 Other adverse effects No data available
Section 13	**Disposal Considerations**
	13.1 Waste treatments methods **Product** Offer surplus and non-recyclable solutions to a licenced disposal company. Contact a licenced professional waste disposal service to dispose off this material. **13.2 Contaminated packaging** Dispose of as unused product.
Section 14	**Transport Information**
	14.1 UN-No ADNR:3077 ADR:3077 IATA_C:3077 IATA_P:3077 IMDG:3077 RID:3077 **14.2 UN proper shipping name** ADNR : Environmentally hazardous substance,solid, n.o.s ADR : Environmentally hazardous substance,solid, n.o.s IATA_C : Environmentally hazardous substance,solid, n.o.s IATA_P : Environmentally hazardous substance,solid, n.o.s IMDG : Environmentally hazardous substance,solid, n.o.s RID : Environmentally hazardous substance,solid, n.o.s **14.3 Transport hazard class (es)** ADNR:9 ADR:9 IATA_C:9 IATA_P:9 IMDG:9 RID:9 **14.4 Packaging group** ADNR:III ADR :III IATA_C :III IATA_P :III IMDG:III RID:III **14.5 Environmental hazards** ADNR : No ADR : No IMDG : Marine pollutant No IATA_C : No IATA_P : No RID : No **14.6 Special precautions for use** No data available
Section 15	**Regulatory Information**
	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. **15.1 Safety health and environment regulations/legislation specific for the substance or mixture** No data available **15.2 Chemical Safety Assessment** No data available
Section 16	**Other Information** Text of H codes and classification mentioned in section 3 H302: Harmful if swallowed H318: Causes serious eye damage H411: Toxic to aquatic life with long lasting effects Acute Tox. oral. 4: Acute toxicity, oral, Category 4 Aquatic Chronic 2: Hazardous to the aquatic environment, long term hazard, Category 2 Eye Dam. 1 : Serious eye damage or eye irritation, Category 1 Resp. Sens. 1: Sensitisation, respiratory, Category 1

	Further Information The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.