FRASER SELECTIVE SUPPLEMENT

SECTION 1: PRODUCT IDENTIFICATION

Product Name: FRASER SELECTIVE SUPPLEMENT
Product Code: CM 23779
REACH Registration Number: This product is a mixture. Reach registration number is not available for this mixture
Relevant identified uses :Laboratory Chemicals, Analytical Purpose, Biochemical Analysis For InVitro Diagnostic Use

SECTION 2: HAZARDOUS IDENTIFICATION

Classification of the substance or mixture
CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.
Label elements
Labeling according to Regulation (EC) No.1272/2008
The product does not need to be labelled in accordance with EC directives or respective nationallaws.
Other hazards
None

SECTION 3: COMPOSITION /INFORMATION ON INGREDIENTS

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	>=80 - <=90%

Component	Classification	Concentration
Ferrous sulphate		
CAS No. : 389-08-2 EC No. : 206-864-7	**As Per EC Regulation 1272/2008** Resp. Sens. 1 H302	>=10 - <=20%

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

SECTION 4: FIRST AID MEASURES

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 a physician.
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 a physician.
Most important symptoms and effects, both acute and delayed
No data available.
Indicationofimmediate medical attention and special treatment needed

No data available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media No data available.
Special hazards arising from the substance or mixture
Carbon oxides, Hydrogen chloride gas, Sodium oxides

Advice for fire fighters Wearself-containedbreathingapparatusforfirefighting if necessary.
Further information No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Reference to other sections
For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.
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
Specific end uses
Apart from the uses mentioned in section 1, no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Components with workplace control parameters
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

Information on basic physical and chemical properties

a) Appearance	:	Reddish Brown Homogenous powder
b) Odour	:	No data available
c) Odour Threshold	:	No data available
d) pH	:	No data available
e) Melting point/freezing point	:	No data available
f) Initial boiling point and boiling range	:	No data available
g) Flash point	:	No data available
h) Evaporation rate	:	No data available
i) Flammability (solid, gas)	:	No data available
j) Upper/lower flammability or explosive limits	:	No data available
k) Vapour pressure	:	No data available
l) Vapour density	:	No data available
m) Relative density	:	No data available
n) Water solubility	:	No data available
o) Partition coefficient noctanol/water	:	No data available
p) Auto-ignition temperature	:	No data available
q) Decomposition temperature	:	No data available
r) Viscosity	:	No data available
s) Explosive properties	:	No data available
t) Oxidizing properties	:	No data available
u) Thermal decomposition	:	No data available

Other safety information
Nodataavailable

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: No data available
Chemical stability: Nodataavailable.
Possibility of hazardous reactions: Nodataavailable
Conditions to avoid: No data available
Incompatible materials: No data available
Hazardous decomposition products: Refer Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acutetoxicity: No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation: No data available
Respiratory or skin sensitization: Nodata available
Germ cell mutagenicity: No data available
Carcinogenicity:
IARC:No component of this product is 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
Aspiration hazard: No data available
Potential Health Effects:Inhalation REFER SECTION 2
Skin: REFER SECTION 2 **Eyes**:REFER SECTION 2
Ingestion: REFER SECTION 2
Additional Information: RTECS: Not available
Components
Nalidixic acid
Acute Oral Toxicity
Rat LD50 :2040mg/kg
Mouse LD50 :572mg/kg
Acute Intraperitoneal Toxicity
Rat LD50 : 319 mg/kg
Mouse LD50: 600 mg/kg
Acute Intravenous Toxicity
Rat LD50 :1160 mg/kg
Mouse LD50: 101 mg/kg
Acute Dermal Toxicity
Rat LD50: 1584 mg/kg
Mouse LD50 : 500 mg/kg
Additional Information
RTECS: QN2885000
Acriflavine Hydrochloride

AcuteToxicity
LD50 Oral Rat: 1,048 mg/kg
Skin corrosion/irritation
Skin-Rabbit
Result:No irritation

Serious eye damage/eye irritation
Eyes-Rabbit
Result:Irritation
Causes serious eye irritation
Additional information
RTECS: No data available
Causes cardiovascular effects, Central nervous system depression, Respiratory disorders
Toxicity
Nodataavailable
Components
Calciumchloride

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish
Lepomismacrochirus (Bluegill sunfish) LC50 : 10,650 mg/l; 96 h
(As per IUCLID)
Toxicity to daphnia and other aquatic invertebrates
Daphnia magna (Water flea) EC50 : 144 mg/l; 48 h
(As per IUCLID)
Toxicity to algae
AlgaeIC50 : 3,130 mg/l; 120 h
(As per IUCLID)

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

PBT and vPvB assessment

This substance or mixture contains no components considered to be persistent,bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.

Other adverse effects

Nodataavailable

SECTION 13: DISPOSAL CONSIDERATION

Waste treatments methods

Product

Offer surplus and non- recyclable solutions to a licenced company. Contact a licenced professional waste disposal service to dispose off this material.

Contaminated packaging

Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

UN - No

ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

UN proper shipping name

ADNR	:	Not dangerous goods
ADR	:	Not dangerous goods
IATA_C	:	Not dangerous goods
IATA_P	:	Not dangerous goods
IMDG	:	Not dangerous goods
RID	:	Not dangerous goods

SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Safety health and environment regulations/legislation specific for the substance or mixture

No data available

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

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.