

**1 Identification of the substances/ mixture and of the company/ undertaking****1.1 Product Identifiers**

Product Number FD105  
Product Name Park and Sanders Selective Supplement II  
REACH Registration Number This product is a mixture. Reach registration number is not available for this mixture.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**1.2.1** Relevant identified uses Laboratory Chemicals, Analytical Purpose, Biochemical Analysis  
InVitro Diagnostic Use

**1.3 Details of the supplier of the safety data sheet**

Produced by HiMedia Laboratories Private Limited  
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Mail Id [info@himedialabs.com](mailto:info@himedialabs.com) Website : [www.himedialabs.com](http://www.himedialabs.com)

**1.4 Emergency Tel. No.**

Emergency Tel. No. Please contact the regional HiMedia representation in your country

**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 2), H300  
Germ cell mutagenicity, (Category 2), H341  
Reproductive toxicity, (Category 1B), H360D  
Hazardous to the aquatic environment, long term hazard, (Category 2), H411  
Sensitisation, Skin, (Category 1), H317  
Sensitisation, respiratory, (Category 1), H334

**2.2 Label elements**

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



Pictogram

Signal word Danger

Hazard Statement(s)

H300 Fatal if swallowed  
H341 Suspected of causing genetic defects  
H360D May damage the unborn child  
H411 Toxic to aquatic life with long lasting effects

H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Precautionary Statement(s)	
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P342 + P311	IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
P201	Obtain special instructions before use.
P264	Wash hands thoroughly after handling. Wash skin thoroughly after handling.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P301 + 310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P308 + P313	IF exposed or concerned: Get medical advice/attention.

### 2.3 Other Hazards

None

## 3 Composition/Information On Ingredients

### 3.2 Mixture

Component	Classification	Concentration
Cefoperazone,sodium		
CAS No. : 62893-20-3 EC No. : 263-751-5	<b>As Per EC Regulation 1272/2008</b> Skin Sens. 1; Resp. Sens. 1 H317; H334	>=20 - <=30%

Component	Classification	Concentration
Cycloheximide		
CAS No. : 66-81-9 EC No. : 200-636-0 Index-No : 613-140-00-8	<b>As Per EC Regulation 1272/2008</b> Acute Tox. oral 1,2; Skin Irrit. 2; Muta. 2; Repr. 1B; Aquatic Chronic 2 H300; H315; H341; H360D; H411	>=70 - <=80%

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

## 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 a physician.

***In case of skin contact***

Wash with plenty of soap and 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.

**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

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**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

**5.3 Precautions for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary

**5.4 Further information**

No data available

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**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.

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**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.

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## 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 safety 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.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	White 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

## 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

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Other Decomposition products not known.

## 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**

No data available

#### **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.

#### **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***

REFER SECTION 2

***Skin***

REFER SECTION 2

***Eyes***

REFER SECTION 2

***Ingestion***

REFER SECTION 2

***Additional Information***

RTECS : Not Available

## **11.2 Components**

**Cycloheximide**

*Acute oral Toxicity*

Rat LD50: 2mg/kg

*Skin Corrosion/Irritation*

Skin-rabbit Result: Skin irritation: 24 h

*Germ cell mutagenicity*

Lab experiments have shown mutagenic effects.

Invitro tests showed mutagenic effects.

*Reproductive toxicity*

May cause congenital malformation in the fetus.

Presumed human reproductive toxicant.

Liver-irregularities-based on human evidence.

**Additional Information**

RTECS:MA4375000

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## **12 Ecological Information**

### **12.1 Toxicity**

No data available

### **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

Toxic to aquatic life

## 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.

## 14 Transport Information

### 14.1 UN-No

ADNR : 2811 ADR : 2811 IATA\_C : 2811 IATA\_P : 2811 IMDG : 2811 RID : 2811

### 14.2 UN proper shipping name

ADNR : Toxic solids, organic, n.o.s.  
ADR : Toxic solids, organic, n.o.s.  
IATA\_C : Toxic solids, organic, n.o.s.  
IATA\_P : Toxic solids, organic, n.o.s.  
IMDG : Toxic solids, organic, n.o.s.  
RID : Toxic solids, organic, n.o.s.

### 14.3 Transport hazard class(es)

ADNR : 6.1 ADR : 6.1 IATA\_C : 6.1 IATA\_P : 6.1 IMDG : 6.1 RID : 6.1

### 14.4 Packaging group

ADNR : I ADR : I IATA\_C : I IATA\_P : I IMDG : I RID : I

### 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

## 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

## 16 Other information

Text of H codes and classification mentioned in section 3

H300 Fatal if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341	Suspected of causing genetic defects
H360D	May damage the unborn child
H411	Toxic to aquatic life with long lasting effects
Acute Tox. oral 1,2	Acute toxicity, oral, Category 1, 2
Aquatic Chronic 2	Hazardous to the aquatic environment, long term hazard, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Resp. Sens. 1	Sensitisation, respiratory, Category 1
Skin Irrit. 2	Skin corrosion or irritation, Category 2
Skin Sens. 1	Sensitisation, Skin, Category 1

### Further Information

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The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal. The information provided herein shall not be considered as guarantee of the properties of the product. HiMedia Laboratories, shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing purpose only and is not to be used for any other purpose.