

Impact

Perk 4-0-14

Material Safety Data Sheet

Issue: 01 - Jun 2019

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier ImpactPlus Perk 4-0-14

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant uses: Fertiliser. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company: Indigrow Ltd, The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH. UK.
Phone: +44 (0) 1189 710 995
Email: growth@indigrow.com

1.4. Emergency telephone number +44 (0) 7725 962 366

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008):
Skin Irrit. 2: H315
Eye Irrit. 2: H319
Aquatic Chronic 3: H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008
Hazard pictograms



Signal word: Warning
Hazard statements: H315: Causes skin irritation.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.
Precautionary statements: P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment.

Special labelling for certain preparations:
Safety datasheet available on request for professional users.

2.3. Other hazards

No additional information available

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SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	EINECS-No.	CAS-No.	REACH number	CLP Classification	Percent [%]
Iron Sulphate	231-753-5	17375-41-6	01-2119513203-57-0000	Skin Irrit. 2: H315; Acute Tox. 4: H302; Eye Irrit. 2: H319	10-25
Manganese sulphate	232-089-9	7785-87-7	-	Aquatic chronic 2: H411; Eye Dam. 1: H318; STOT RE 2: H373	2.5-3

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

General information: In case of persistent symptoms consult doctor.
 After inhalation: Ensure supply of fresh air. In the event of symptoms take medical treatment.
 After skin contact: In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists
 After eye contact: Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.
 After ingestion: Rinse out mouth and give plenty of water to drink.
 Adhere to personal protective measures when giving first aid:
 First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician/hazards: In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray jet
 Non suitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for fire-fighters

Special protective equipment for fire-fighting:
 In case of combustion use a suitable breathing apparatus.
 Other information: Fire residues must be disposed of in a proper manner.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

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6.2. Environmental precautions

No special environmental measures are necessary.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling: Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store product in closed containers.

Hints on storage assembly: Do not store together with foodstuffs.

Further information on storage conditions:

Keep container tightly closed and dry.

7.3. Specific end use(s)

Non hazardous fertiliser. Use only the recommended amount.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures:

Observe the usual precautions for handling chemicals.

Respiratory protection: If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Dust mask

Hand protection: In case of intensive contact wear protective gloves.

Appropriate Material: neoprene

Eye protection: Safety glasses

Body protection: Clothing as usual in the chemical industry.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form: solid

Colour: grey-brown

Odour: characteristic

pH value: not determined

9.2. Other information

No additional information available.



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SECTION 10: Stability and Reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute oral toxicity:	ATE:	3.000 mg/kg
	Method:	calculated value (Regulation (EC) No. 1272/2008)
Other information:	No toxicological data are available.	

SECTION 12: Ecological Information

12.1. Toxicity

Not determined

12.2. Persistence and degradability

Not determined

12.3. Bioaccumulative potential

Not determined

12.4. Mobility in soil

Not determined

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

Do not discharge product unmonitored into the environment.



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SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal recommendations for the product: Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging: Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport Information

This product does not require a classification for transport (ADR/RID,IMDG,IATA)

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The product does not contain substances of very high concern (SVHC).

15.2. Chemical Safety Assessment

For this preparation a chemical safety assessment has not been carried out.

16. OTHER INFORMATION

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

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