

Safety Data Sheet for Isohelix Dri-Capsules

Products: SGC-3, SGC-50

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY:

Product name: Trade name Isohelix Dri-Capsules
Manufacturer/Supplier: Cell Projects Ltd.

Substance Use: DNA stabilisation

Further Information available from: Cell Projects Ltd.,
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Harrietsham,
Kent ME17 1AB
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Emergency Telephone Number: 999 (United Kingdom)
112 (Europe)
911 (US & Canada)

2. HAZARDS IDENTIFICATION:

Hypromellose (HPMC): None.
Silica gel may have a drying effect on the skin.
Sensitisation of the skin and respiratory system by silica gel is possible.

3. COMPOSITION:

Hypromellose (HPMC) Capsules containing synthetic amorphous self-indicating orange/green silica gel (Formula SiO₂) packaged in heat sealed barrier foil pouches.

4. FIRST-AID MEASURES:

HPMC: None
Silica gel:
After inhalation remove to fresh air, obtain medical attention if symptoms develop.
After skin contact wash with water, if skin irritation persists seek medical advice.
After eye contact flush with water, if irritation persists seek medical advice.
After ingestion give water to drink, seek medical advice, do not induce vomiting.

5. FIRE FIGHTING MEASURES:

Use water.

6. ACCIDENTAL RELEASE MEASURES

No problem

7. HANDLING AND STORAGE:

No problem. Store sealed pouches in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Protective clothing not needed.

9. PHYSICAL AND CHEMICAL PROPERTIES:

HPMC capsules:

Chemical Formula: Hydroxy Propyl Methyl Cellulose $C_{32}H_{60}O_{19}$

Physical State: Solid object without colour.

Boiling Point: Not applicable.

Melting Point: not applicable.

Solubility: Water soluble, creates cohesive solution or gel.

Silica Gel: Chemical Formula: SiO_2

Physical State: Orange granules that turn green on adsorption of water.

Boiling Point: Does not boil.

Melting Point: Does not melt.

Solubility: Insoluble in water and solvents.

10. STABILITY AND REACTIVITY:

STABILITY: Stable

CONDITIONS TO AVOID: Avoid heat, ignitable sources and water.

11. TOXICOLOGICAL INFORMATION:

HPMC: No known problems

Silica gel: Effects of exposure

Inhalation: amorphous silica has little adverse effect on lungs and does not produce significant disease or toxic effect when exposure is kept below permitted limits. Existing medical conditions (e.g. asthma, bronchitis) may be aggravated by exposure to dust.

Eyes: dust may cause irritation.

Skin: May have a drying effect.

12. ECOLOGICAL INFORMATION:

No known problems.

13. DISPOSAL CONSIDERATIONS:

Dispose according to national and local regulations.

14. TRANSPORT INFORMATION:

Not a regulated article under DOT, IATA, ADR, IMDG or RID. No hazard classification for road, sea or air freight.

15. REGULATORY INFORMATION:

Labelling Information: For single use only, read instructions. Safety phrases: None

16. OTHER INFORMATION:

None