

1 Identification

***Product identifier**

***Trade name:** ACTIVATED CHARCOAL GRANULES

***Article number:** 11064971

***CAS Number:**

7440-44-0

***EC number:**

231-153-3

***Application of the substance / the mixture** Laboratory chemicals

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

***Manufacturer/Supplier:** See Below

***Manufacturer:**

Reagecon Diagnostics Ltd.

Shannon Free Zone,

Shannon,

Co. Clare,

Ireland.

Tel +353 61 472622

Fax +353 61 472642

***Supplier:**

BÜCHI Labortechnik AG

Meierseggsstrasse 40

CH - 9230 Flawil

Telephone: +41 71 394 63 63

FAX: +41 71 394 65 65

Email: buchi@buchi.com

Internet: www.buchi.com

***Information department:** sds@reagecon.ie

***Emergency telephone number:**

National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

For Hazardous Materials [or Dangerous Goods] Incident

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC

For Ireland call +(353)-19014670

For Outside Ireland call +1 703-741-5970 / 1-800-424-9300 CCN849800

2 Hazard identification

***Classification of the substance or mixture**

The substance is not classified, according to the Globally Harmonized System (GHS).

***Label elements**

***GHS label elements** Void

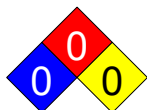
***Hazard pictograms** Void

***Signal word** Void

***Hazard statements** Void

***Classification system:**

***NFPA ratings (scale 0-4)**



Health = 0

Fire = 0

Reactivity = 0

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3 Composition/Information on ingredients

- ***Chemical characterization: Substances**
- ***CAS No. Description**
CAS: 7440-44-0 carbon
- ***Identification number(s)**
- ***EC number: 231-153-3**

4 First-aid measures

- ***Description of first aid measures**
- ***General information:** No special measures required.
- ***After inhalation:** Supply fresh air; consult doctor in case of complaints.
- ***After skin contact:** Generally the product does not irritate the skin.
- ***After eye contact:** Rinse opened eye for several minutes under running water.
- ***After swallowing:** If symptoms persist consult doctor.
- ***Information for doctor:**
- ***Most important symptoms and effects, both acute and delayed** No further relevant information available.
- ***Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- ***Extinguishing media**
- ***Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- ***Special hazards arising from the substance or mixture** No further relevant information available.
- ***Advice for firefighters**
- ***Protective equipment:** No special measures required.

6 Accidental release measures

- ***Personal precautions, protective equipment and emergency procedures** Not required.
- ***Environmental precautions:** No special measures required.
- ***Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- ***Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- ***Handling:**
- ***Precautions for safe handling** No special measures required.
- ***Information about protection against explosions and fires:** No special measures required.
- ***Conditions for safe storage, including any incompatibilities**
- ***Storage:**
- ***Requirements to be met by storerooms and receptacles:** No special requirements.
- ***Information about storage in one common storage facility:** Not required.
- ***Further information about storage conditions:** None.
- ***Specific end use(s)** No further relevant information available.

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8 Exposure controls/ Personal protection

***Additional information about design of technical systems:** No further data; see section 7.

***Control parameters**

***Components with limit values that require monitoring at the workplace:** Not required.

***Additional information:** The lists that were valid during the creation were used as basis.

***Exposure controls**

***Personal protective equipment:**

***General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

***Breathing equipment:** Not required.

***Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

***Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

***Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

***Eye protection:**



Goggles recommended during refilling.

9 Physical and chemical properties

***Information on basic physical and chemical properties**

***General Information**

***Appearance:**

Form: Pellets

Color: Black

***Odor:** Odorless

***Odor threshold:** Not determined.

***pH-value:** 7.5

***Change in condition**

Melting point/Melting range: ~3,550 °C

Boiling point/Boiling range: 4,827 °C

***Flash point:** Not applicable.

***Flammability:** Not applicable.

***Decomposition temperature:** Not determined.

***Ignition temperature:** Not determined.

***Danger of explosion:** Product does not present an explosion hazard.

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***Explosion limits:**

Lower: Not determined.
Upper: Not determined.

***Vapor pressure:** Not determined.

***Density at 20 °C:** 1 g/cm³

***Bulk density:** 150 kg/m³

***Relative density** Not determined.

***Vapor density** Not determined.

***Evaporation rate** Not determined.

***Solubility in / Miscibility with Water:**

Not miscible or difficult to mix.

***Partition coefficient (n-octanol/water):** Not determined.

***Viscosity:**

Dynamic: Not determined.
Kinematic: Not determined.

***Other information** No further relevant information available.

10 Stability and reactivity

***Reactivity** No further relevant information available.

***Chemical stability**

***Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

***Possibility of hazardous reactions** No dangerous reactions known.

***Conditions to avoid** No further relevant information available.

***Incompatible materials:** No further relevant information available.

***Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

Information on toxicological effects**Acute toxicity:*****Primary irritant effect:**

***on the skin:** No irritant effect.

***on the eye:** No irritating effect.

***Sensitization:** No sensitizing effects known.

***Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

Substance is not listed.

***NTP (National Toxicology Program)**

Substance is not listed.

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12 Ecological information

- *Toxicity**
- *Aquatic toxicity:** No further relevant information available.
- *Persistence and degradability** No further relevant information available.
- *Behavior in environmental systems:**
- *Bioaccumulative potential** No further relevant information available.
- *Mobility in soil** No further relevant information available.
- *Additional ecological information:**
- *General notes:** Not hazardous for water.
- *Results of PBT and vPvB assessment**
- *PBT:** Not applicable.
- *vPvB:** Not applicable.
- *Other adverse effects** No further relevant information available.

13 Disposal considerations

- *Waste treatment methods**
- *Recommendation:** Smaller quantities can be disposed of with household waste.
- *Uncleaned packagings:**
- *Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| *UN-Number | Void |
| *DOT/TDG, ADR, IMDG, IATA | Void |
| *UN proper shipping name | Void |
| *DOT/TDG, IMDG, IATA | Void |
| *ADR | Void |
| *Transport hazard class(es) | Void |
| *DOT/TDG, ADR, IMDG, IATA | Void |
| *Class | Void |
| *Packing group | Void |
| *DOT/TDG, ADR, IMDG, IATA | Void |
| *Environmental hazards: | Not applicable. |
| *Special precautions for user | Not applicable. |
| *Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| *UN "Model Regulation": | Void |

15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture**
- *SARA Section 355 (extremely hazardous substances)**
- Substance is not listed.

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***SARA Section 313 (specific toxic chemical listings)**

Substance is not listed.

***TSCA (Toxic Substances Control Act)**

ACTIVE

***MAK (German Maximum Workplace Concentration)**

Substance is not listed.

*GHS label elements Void

*Hazard pictograms Void

*Signal word Void

*Hazard statements Void

*National regulations:

*Water hazard class: Generally not hazardous for water.

*Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*Department issuing SDS: Health and Safety

*Contact: sds@reagecon.ie

*Date of the latest revision of the safety data sheet 04/10/2025 / 8

***Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

** Data compared to the previous version altered.

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