

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** GN UC H

**REACH registered number(s):** 01-2119488894-16-0007; 01-2119488894-16-0012

**CAS number:** 7440-44-0

**EINECS number:** 931-328-0

**Product code:** 28010

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

**Use of substance / mixture:** Adsorbent

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

**Company name:** Chemviron S.A.

Parc Industriel

Zone C

Feluy

7181

Belgium

**Tel:** +32 (0) 64 511 811

**Email:** sds@calgoncarbon.com WEB PAGE [www.chemviron.eu](http://www.chemviron.eu)

**1.4. Emergency telephone number**

**Emergency tel:** Chemviron Facility Belgium +32 (0) 64 511 811

Chemviron Facility UK +44 (0) 1942 275 400

Chemviron Facility Italy +39 02 93185811

International Emergency 112

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

**2.3. Other hazards**

**Other hazards:** Caution - Wet activated carbon removes oxygen from air causing severe hazard to workers inside vessels or enclosed or confined spaces containing activated carbon. Before entering such an area, follow the sampling and work procedures for low oxygen levels. Contact with airborne dust may be slightly irritating to eyes and respiratory tract. Observe all local and national regulations.

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PBT: This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** ACTIVATED CARBON HDS

**CAS number:** 7440-44-0

**EINECS number:** 931-328-0

**REACH registered number(s):** 01-2119488894-16-0007; 01-2119488894-16-0012

**Contains:** NON-CLASSIFIED SUBSTANCE UNDER GHS/CLP

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No symptoms.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Not applicable.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water. Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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## 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a suitable container.

## 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Avoid the formation or spread of dust in the air.  
Ensure there is sufficient ventilation of the area. Smoking is forbidden.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** Please seek technical guidance from Chemviron S.A.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**ACTIVATED CARBON HDS**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	-	1 mg/m <sup>3</sup>	-

### DNEL/PNEC Values

**Hazardous ingredients:**

**ACTIVATED CARBON HDS**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0,9 mg/m <sup>3</sup>	General Population	Local
DNEL	Inhalation	1,84 mg/m <sup>3</sup>	Workers	Local
PNEC	Soil (agricultural)	10 mg/kg	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Approved particulate filter is recommended if excessive dust is generated.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields. Safety goggles. Ensure eye bath is to hand.

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**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Solid

**Colour:** Black

**Odour:** Odourless

**Solubility in water:** Insoluble

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### ACTIVATED CARBON HDS

DUST/MIST	RAT	1H LC50	> 8,5	mg/l
ORAL	RAT	LD50	> 2000	mg/kg

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

[cont...]

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**Eye contact:** There may be irritation and redness.

**Ingestion:** No symptoms.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Not applicable.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

ACTIVATED CARBON HDS

ALGAE	72H IC50	Exempt	-
DAPHNIA	48H EC50	Exempt	-
FISH	96H LC50	Exempt	-

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Non-volatile. Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Land treatment (e.g. biodegradation of liquid or sludge discards in soils, etc.).

**Recovery operations:** Subject to Chemviron S.A. technical approval, regeneration to allow re-cycle and re-use.

**Waste code number:** 15 02 03 or 15 02 02\* for spent carbon depending on use

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Waste codes should be assigned by the user based on the application for which the product was used.

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## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Not classified as UN1362 for transport purposes, exemption under special provisions 646 (ADR), 925 (IMDG) and A3 (IATA).

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Chemviron S.A. provides no warranty with respect to this information and disclaims all liability associated with its use.