Chemviron
A Kuraray Company

SAFETY DATA SHEET

GN UC H

Compilation date: 03/05/2019

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

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.

[cont...]

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.

[cont...]

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/m3	-

DNEL/PNEC Values

Hazardous ingredients:

ACTIVATED CARBON HDS

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0,9 mg/m3	General Population	Local
DNEL	Inhalation	1,84 mg/m3	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.

[cont...]

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...]

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.

[cont...]

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).

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