

# SAFETY DATA SHEET

HDHC NATURAL  
According to EC Regulation 1907/2006/EC - revision 2015/830

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Revision Date 21/01/2019

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1. Product identifier

Product Name HDHC NATURAL  
Product Code 11004164X1 (CLP)

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

#### Recommended use

Hand cleaner.

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

NCH UK & Ireland, NCH House, Springvale Avenue, Bilston, WV14 0QL Tel (UK): 01902 510200, Tel (Ireland): 042 939 5502  
E-mail address technical\_uk@nch.com  
Website address www.ncheurope.com

### 1.4. Emergency telephone number

UK - 01902 510200 (available during Office Hours)  
In Republic of Ireland (available from 8am to 10pm daily): 01 809 2166

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

This mixture is not classified according to EU Regulation No 1272/2008

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

For industrial and institutional use only.  
Keep out of reach of children.

### 2.3. Other hazards

No additional hazards identified.  
The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

## SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

### 3.2 Mixture

Chemical Name	CAS-No.	EC No.	EU - REACH reg number	Weight-%	EU - GHS/CLP Classification	Notes
PROPYLENE GLYCOL (INCI)	57-55-6	200-338-0	01-2119456809-23	1 - < 3	-	
GLYCERIN (INCI)	56-81-5	200-289-5	01-2119471987-18	1 - < 3	-	

This mixture contains substances with a Community workplace exposure limit. For any H statements mentioned in this section, see the full text in section 16. Ingredients identified by International Nomenclature of Cosmetic Ingredients (INCI).

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General advice

Get medical attention immediately if symptoms occur.

#### Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

#### Skin Contact

Skin care product - However, if adverse effects occur, rinse thoroughly with water and discontinue use.

#### Ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth with water.

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

#### Sensitisation

Skin care product - Sensitization possible if user is susceptible to any of the ingredients.

#### Eye contact

May cause irritation as itching and redness.

Skin contact

Unlikely to be irritant.

**4.3. Indication of any immediate medical attention and special treatment needed**Notes to physician

Treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES****5.1. Extinguishing media**Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.

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

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

Material can create slippery conditions.

**5.3. Advice for firefighters**

Firefighters should wear a self-contained breathing apparatus and full protective gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**6.2. Environmental precautions**

Avoid release of neat product into surface water and sanitary sewage system.

**6.3. Methods and material for containment and cleaning up**Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning up

After cleaning, flush away traces with water.

**6.4. Reference to other sections**

Refer to sections 7, 8 and 13.

**SECTION 7. HANDLING AND STORAGE****7.1. Precautions for safe handling**

Cosmetic product - see label for list of ingredient (allergens if present). Avoid contact with eyes.

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

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Use within its shelf life.

**7.3. Specific end use(s)**

No information available.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**Exposure limits

For substances.

Chemical Name	European Union	The United Kingdom	France	Germany	Austria
PROPYLENE GLYCOL (INCI)		STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>			
GLYCERIN (INCI)		STEL: 30 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	Peak: 100mg/m <sup>3</sup> TWA: 50mg/m <sup>3</sup>	

Chemical Name	Spain	Portugal	Italy	The Netherlands	Switzerland
GLYCERIN (INCI)	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>			STEL: 100 mg/m <sup>3</sup> TWA: 50 mg/m <sup>3</sup>

Chemical Name	Denmark	Finland	Norway	Sweden	Czech
PROPYLENE GLYCOL (INCI)			TWA: 25 ppm TWA: 79 mg/m <sup>3</sup>		
GLYCERIN (INCI)		TWA: 20 mg/m <sup>3</sup>			PEL: 10mg/m <sup>3</sup> NPK-P: 15mg/m <sup>3</sup>

Chemical Name	Poland	Ireland
PROPYLENE GLYCOL (INCI)		TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1410 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>
GLYCERIN (INCI)	NDS: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>

## 8.2. Exposure controls

### Engineering Measures

General ventilation is normally adequate.

### Personal Protective Equipment

Cosmetic product - Personal Protective equipment not normally required.

### Respiratory Protection

Cosmetic product - Personal Protective equipment not normally required.

### Hand Protection

Cosmetic product - Hand protection not required.

### Eye Protection

Large volumes - . Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.

### General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practise. Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Information below relates to typical values and does not constitute a specification.

<b>Appearance</b>	green	<b>Specific Gravity</b>	1.0
<b>Physical State</b>	Liquid	<b>Solubility</b>	Soluble in water
<b>Odour</b>	Perfume	<b>Autoignition Temperature</b>	Not combustible.
<b>pH</b>	8	<b>Viscosity</b>	Very viscous
<b>Melting Point/Range</b>	-5 °C	<b>Explosive properties</b>	No information available
<b>Boiling Point/Range</b>	100 °C	<b>Oxidizing Properties</b>	No information available.
<b>Flash Point</b>	Not relevant	<b>VOC Content (%)</b>	1.2 %
<b>Evaporation Rate</b>	No information available.		
<b>Flammability Limits in Air %</b>	Not applicable.		
<b>Vapor Pressure</b>	No information available.		
<b>Vapor Density</b>	No information available.		

### 9.2. Other information

No other information available

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Not considered as highly reactive. See further information below.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

### 10.4. Conditions to avoid

No conditions to be specially mentioned.

### 10.5. Incompatible materials

No materials to be specially mentioned.

### 10.6. Hazardous decomposition products

None under normal storage conditions and use.

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Product Information

The product itself has not been tested.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
PROPYLENE GLYCOL (INCI)	= 20000 mg/kg ( Rat )	= 20800 mg/kg ( Rabbit )	
GLYCERIN (INCI)		> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h

#### Sensitisation

Skin care product - Sensitization possible if user is susceptible to any of the ingredients.

#### Skin contact

Unlikely to be irritant.

#### Eye contact

May cause irritation as itching and redness.

#### Carcinogenicity

There are no known carcinogenic substances in this product.

#### Mutagenic Effects

There are no known mutagenic substances in this product.

#### Reproductive Effects

There are no known substances in this product with effects on reproduction.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Product Information

The product itself has not been tested.

Chemical Name	Toxicity to Fish	Water Flea	Toxicity to Algae
PROPYLENE GLYCOL (INCI)	LC50 = 51600 mg/L Oncorhynchus mykiss 96 h LC50 41 - 47 mL/L Oncorhynchus mykiss 96 h LC50 = 51400 mg/L Pimephales promelas 96 h LC50 = 710 mg/L Pimephales promelas 96 h	1000: 48 h Daphnia magna mg/L EC50 Static	EC50 = 19000 mg/L Pseudokirchneriella subcapitata 96 h
GLYCERIN (INCI)	LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		

### 12.2. Persistence and degradability

Persistence and degradability are substance specific, no test data is available on the constituents of this mixture to degrade or persist in the environment, either through biodegradation or other processes, such as oxidation or hydrolysis.

### 12.3. Bioaccumulative potential

Not likely to bioaccumulate. Component information below.

Chemical Name	log Pow
GLYCERIN (INCI)	-1.76

### 12.4. Mobility in soil

Soluble in water.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

### 12.6. Other adverse effects

No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Waste from Residues / Unused Products

Small quantities, dilute with water and flush down the waste water drain. For large quantities -. Dispose of in accordance with local regulations.

#### Contaminated Packaging

Empty remaining contents. Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal. Recycle according to official regulations.

#### EWC waste disposal No

The following EWC/ AVV waste codes may be applicable:

07 06 01\* aqueous washing liquids and mother liquors

#### Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

**SECTION 14. TRANSPORT INFORMATION****14.1, 14.2, 14.3, 14.4.**

Not classified for transport as dangerous goods

**14.5. Environmental hazards**

The mixture is not environmentally hazardous for transport

**14.6. Special precautions for user**

No special precautions.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Packaged product, not typically transported in IBC's.

**Additional information**

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

**SECTION 15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

This is a cosmetic product and complies with the Cosmetic Directive ( 96/335/EC) including amendment 2006/257/EC. This is a rinse-off cosmetic product.

Ingredients - Aqua, Cocamide DEA, Olea Europaea (Olive) Seed Powder, Propylene Glycol, Trideceth-12, Glycerin, Hydroxyethyl Urea, Aloe Barbadensis, Styrene/Acrylates Copolymer, Lauramine oxide, Acrylates/C10-30 alkyl acrylate cross-polymer, Phenoxyethanol, Sodium Hydroxide, Ethylhexylglycerin, Parfum, Limonene, CI 42090, CI 19140. . .

Allergenic fragrances (Directive 76/768/EEC)

Limonene

Benzyl Benzoate

Benzyl Salicylate

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture by the supplier

**SECTION 16. OTHER INFORMATION****Prepared By** JD

**Creation Date** 01/02/2016

**Revision Date** 21/01/2019

**Revision summary**

Initial release SDS sections updated 2 15 3 16

**Abbreviations**

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungskategorie (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

**Further Information**

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature sources e.g. IUCLID / RTECS

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**