



## Safety Data Sheet **NCS HSC12** **Hard Surface Cleaner**

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### Product identifier

Product name NCS Hard Surface Cleaner

Brand NCS

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

Suitable for quartz worktops, polished granite, polished marble, UPVC, stainless steel, glass (lowers static and therefore dirt adhesion), painted surfaces, wood surfaces, brass, copper, zinc & aluminium.

This hard surface cleaner is non-caustic and is suitable for horizontal and vertical surfaces both internally and externally.

Ideal for worktops and associated surfaces that are exposed to high and regular use enables easy cleaning of soiling oils and grease. Suitable for vertical and horizontal surfaces: Worktops and Floors.

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

Name	
Address	<b>Nottingham Cleaning Supplies Ltd</b> Unit 6A Crifftin Enterprise Centre Oxton Road, Epperstone NG14 6AT Tel: 0115 9654025 Email: <a href="mailto:info@nottinghamcleaningsupplies.com">info@nottinghamcleaningsupplies.com</a>
Telephone	
Fax	
email	

# Safety Data Sheet

## NCS Hard Surface Cleaner

Emergency telephone number

0115 9654025 (Office Hours)

### SECTION 2: Hazards identification

#### General hazard statement

This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

#### Classification of the substance or mixture

##### Classification according to: UK REACH Regulation

- Acute toxicity, inhalation, Cat. 5, H333
- Acute toxicity, oral, Cat. 5, H303
- Serious eye damage/eye irritation, Cat. 1, H318
- Skin irritation, Cat. 3, H316

For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

#### Label elements

##### Labelling according to: UK REACH Regulation

#### Hazard pictograms



#### Signal word

**Irritant**

#### Hazard statements

H318

Causes serious eye damage

#### Precautionary statements

P280

P305+P351+P338

P310

Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor/...

### SECTION 3: Composition/information on ingredients

#### Mixtures

#### Components

##### 1. ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS Reach Number 01-2119490100-63

Concentration

5 - 15 % (weight)

EC no.

500-234-8

CAS no.

68891-38-3

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#### 2. Alcohols, C9-11, ethoxylated

Concentration 1 - 5 % (weight)  
EC no. 614-482-0  
CAS no. 68439-46-3

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

H302 Harmful if swallowed  
H318 Causes serious eye damage

#### 3. Butoxyethanol

Concentration 1 - 5 % (weight)  
EC no. 203-905-0  
CAS no. 111-76-2  
Index no. 603-014-00-0

- Flammable liquids, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A

H227 Combustible liquid  
H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H332 Harmful if inhaled  
SCLs/M-factors/ATEs Oral: ATE = 1200 mg/kg

#### 4. Tetrapotassium pyrophosphate

Concentration 5 - 10 % (weight)  
EC no. 230-785-7  
CAS no. 7320-34-5

- Eye damage/irritation, Cat. 2A

H319 Causes serious eye irritation

## SECTION 4: First aid measures

### Description of first aid measures

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General notes	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Following inhalation	Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Following skin contact	Rinse with plenty of water. Call a doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
Following eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.  Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
Following ingestion	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Self-protection of the first aider	N/A

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special hazards arising from the substance or mixture

N/A

### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Butoxyethanol (CAS: 111-76-2 EC: 203-905-0)

Parameter	PEL
Route of exposure	Inhalation
Value	50 ppm
Source	OSHA
Measurement basis & notes	OSHA Annotated Table Z-1, <a href="http://www.osha.gov">www.osha.gov</a>
Parameter	PEL
Route of exposure	Inhalation
Value	240 mg/m3
Source	OSHA
Measurement basis & notes	OSHA Annotated Table Z-1, <a href="http://www.osha.gov">www.osha.gov</a>
Parameter	PEL
Route of exposure	Inhalation
Value	20 ppm
Source	Cal/OSHA
Measurement basis & notes	OSHA Annotated Table Z-1, <a href="http://www.osha.gov">www.osha.gov</a>
Parameter	REL
Route of exposure	Inhalation
Value	5 ppm
Source	NIOSH
Measurement basis & notes	OSHA Annotated Table Z-1, <a href="http://www.osha.gov">www.osha.gov</a>
Parameter	PEL
Route of exposure	Inhalation



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Value	20 ppm, 97 mg/m3
Measurement basis & notes	California permissible exposure limits for chemical contaminants (Title 8, Article 107)/Skin
Country	USA
Parameter	TWA
Route of exposure	Inhalation
Value	50 ppm, 240 mg/m3
Source	OSHA
Measurement basis & notes	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants/Skin designation The value in mg/m3 is approximate
Country	USA
Parameter	TWA
Route of exposure	Inhalation
Value	5 ppm, 24 mg/m3
Source	NIOSH
Measurement basis & notes	USA. NIOSH Recommended Exposure Limits/Potential for dermal absorption
Country	USA
Parameter	TWA
Route of exposure	Inhalation
Value	20 ppm
Source	ACGIH
Measurement basis & notes	USA. ACGIH Threshold Limit Values (TLV)/Upper Respiratory Tract irritation Eye irritation Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed animal carcinogen with unknown relevance to humans
Country	USA
Parameter	TLV®
Route of exposure	Inhalation
Value	20 ppm
Source	ACGIH
Measurement basis & notes	OSHA Annotated Table Z-1, <a href="http://www.osha.gov">www.osha.gov</a>

### Exposure controls

#### Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

#### Individual protection measures, such as personal protective equipment

##### Eye and face protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.

##### Skin protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Wear suitable protective clothing.

##### Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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### Respiratory protection

Not required under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Thermal hazards

No data available.

### Control banding approach

No data available.

### Environmental exposure controls

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Translucent liquid
Colour	Yellow
Odour	No scent
Odour threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	No data available.
Flammability	No data available.
Lower and upper explosive limit	No data available.
Flash point	No data available.
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidising properties	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	No data available.
Partition coefficient n-octanol/water (log value)	No data available.
Vapour pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	No data available.
Relative vapour density	No data available.

### Particle characteristics

No data available.

### Other information

#### Information with regard to physical hazard classes

### Other safety characteristics

No data available.

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Stable under normal storage conditions.

#### Possibility of hazardous reactions

No data available.

#### Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

#### Incompatible materials

N/A

#### Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

#### Information on hazard classes as defined in: UK REACH Regulation

##### Acute toxicity

2-Butoxyethanol

LD50 Oral - Rat - 880 mg/kg

Remarks: OECD Test Guideline 401

2-Butoxyethanol

LD50 Skin - Rabbit - 1,060 mg/kg

Remarks: OECD Test Guideline 402

2-BUTOXYETHANOL

LC50 Inhalation - Rat - 450 ppm

Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain

Alcohols, C9-11, ethoxylated

LD50 Skin - Rabbit - >2,000 mg/kg

Alcohols, C9-11, ethoxylated

LD50 Oral - Rat - >2,000 mg/kg

Tetrapotassium pyrophosphate

LC50 Inhalation - Rat - >1.1 mg/l - 4 h

Remarks: (OECD Test Guideline 403)

Tetrapotassium pyrophosphate

LD50 Skin - Rabbit - >4,640 mg/kg

Result: Prolonged skin contact may cause skin irritation and/or dermatitis.

#### Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

#### Serious eye damage/irritation

Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### Respiratory or skin sensitization

No data available.



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Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### Respiratory or skin sensitization

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### Reproductive toxicity

No data available.

#### Summary of evaluation of the CMR properties

N/A

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### Information on other hazards

#### Endocrine disrupting properties

No data available.

#### Other information

No data available.

## SECTION 12: Ecological information

#### Toxicity

No data available on product

#### Persistence and degradability

No data available.

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### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### Endocrine disrupting properties

No data available.

### Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### Waste treatment methods

#### Product disposal

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Recycle the container where possible

#### Packaging disposal

Dispose of as unused product.

#### Waste treatment

Dispose of container in accordance with the local/regional/national/international regulations. HDPE is readily recyclable. Please recycle where possible.

#### Sewage disposal

Dispose of contents in accordance with the local/regional/national/international regulations.

## SECTION 14: Transport information

UN Number	None
UN Proper Shipping Name	None
Transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Maritime transport in bulk according to IMO instruments	None

## SECTION 15: Regulatory information

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

Not applicable.

### Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Full text of hazard statements referenced in Section 2

H303	May be harmful if swallowed
H316	Causes mild skin irritation
H318	Causes serious eye damage
H333	May be harmful if inhaled

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Further information/disclaimer

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