TALBOT CHEMICALS LTD

Safety Data Sheet
Hard Surface Cleaner

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

Product identifier

Product name	Hard Surface Cleaner
Product number	TCHSC
Brand	Talbots

Relevant identified uses of the substance or mixture and uses advised against
PC35: Washing and cleaning
products (including solvent based products).

Details of the supplier of the safety data sheet

Name	Talbot Chemicals Ltd
Address	Telford Drive NG24 2DX Newark Nottinghamshire UK
Telephone	01636611707
Fax	01636611708
email	talbots.tc@gmail.com

Emergency telephone number

01636 611707

SECTION 2: Hazards identification

General hazard statement
Avoid Contact with clothing, and Don't mix with other chemicals.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

- Serious eye damage/eye irritation, Cat. 1, H318
- Skin corrosion/irritation, Cat. 1, H314

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

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms

Signal word	**Danger**

Hazard statement(s)

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash … thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see … on this label).
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to …

SECTION 3: Composition/information on ingredients

Mixtures

Components

1. Sodium hydroxide

Concentration	1 - 5 % (weight)
EC no.	215-185-5

CAS no.	1310-73-2
Index no.	011-002-00-6
REACH registration	Registration number 01-2119457892-27

- Skin corrosion/irritation, Cat. 1A

H314	Causes severe skin burns and eye damage

2. Alcohols, C9-11, ethoxylated

Concentration	1 - 5 % (weight)
EC no.	614-482-0
CAS no.	68439-46-3
REACH registration	N/A

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

H302	Harmful if swallowed
H318	Causes serious eye damage

3. Dipropylene glycol monomethyl ether

Concentration	1 - 5 % (weight)
EC no.	252-104-2
CAS no.	34590-94-8
REACH registration	Registration number 01-2119450011-60

- Flammable liquids, Cat. 4

H227	Combustible liquid

SECTION 4: First aid measures

Description of first aid measures

Following inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Following skin contact

Wash with plenty of soap and water. Get medical attention if irritation develops or persists.

Following eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention

Following ingestion

Call a poison center or doctor if you feel unwell. 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.

Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

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
No data available.

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
None

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

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions
Do not let product enter drains.

Methods and material for containment and cleaning up
Eliminate all sources of ignition. 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
Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry, cool 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. Sodium hydroxide (CAS: 1310-73-2)

Parameter	PEL
Route of exposure	Inhalation
Value	2 mg/m3
Source	OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	PEL
Route of exposure	Inhalation
Value	(C) 2 mg/m3
Source	Cal/OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	REL
Route of exposure	Inhalation
Value	(C) 2 mg/m3
Source	NIOSH
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	WEL
Route of exposure	Inhalation
Value	(C) 2 mg/m3
Source	ACGIH
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov

2. Dipropylene glycol monomethyl ether (CAS: 34590-94-8 EC: 252-104-2)

Parameter	PEL
Route of exposure	Inhalation
Value	100 ppm
Source	OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	PEL
Route of exposure	Inhalation
Value	600 mg/m3
Source	OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	PEL
Route of exposure	Inhalation
Value	100 ppm, (ST) 150 ppm
Source	Cal/OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	REL
Route of exposure	Inhalation
Value	100 ppm, (ST) 150 ppm
Source	NIOSH
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov
Parameter	WEL
Route of exposure	Inhalation
Value	100 ppm, (ST) 150 ppm
Source	ACGIH

Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov

Exposure controls

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

Personal protection equipment

Eye and face protection

Safety glasses are recommended if there is splash hazard.

Skin protection
Wear protective gloves, such as nitrile gloves.

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

Respiratory protection
Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

Thermal hazards
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

Appearance	Clear/Liquid
Odour	None
Odour threshold	N/A
pH	13
Melting point / freezing point	-10
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	Standard
Flammability (solid, gas)	Non flammable
Upper/lower flammability limits	N/A
Vapour pressure	N/A
Vapour density	N/A
Relative density	1.020
Solubilit(ies)	Readily Soluble
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	N/A

Decomposition temperature	N/A
Viscosity	N/A
Explosive properties	N/A
Oxidising properties	N/A

SECTION 10: Stability and reactivity

Reactivity
This material is considered to be non reactive under normal use conditions.

Chemical stability
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
No data available

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as AlO2(-), ZnO2(-2), SNO2(-2), and H2 (or H2O with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

Dipropylene glycol monomethyl ether: Strong oxidizing agents, Strong acids

Hazardous decomposition products
No data available.

Sodium hydroxide : Sodium oxides

Dipropylene glycol monomethyl ether: Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Skin corrosion/irritation
Causes severe skin burns.

Serious eye damage/irritation
Risk of serious damage to eyes.

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
Based on available data, classification data are not met

Carcinogenicity
Based on available data, classification data are not met

Reproductive toxicity
No data available

STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration hazard
No data available

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available on product.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: Disposal considerations

Waste treatment methods

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

Disposal of contaminated packaging
Dispose of as unused product.

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

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	1760
UN Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (2% SODIUM HYDROXIDE)
Transport hazard class(es)	8
Packing group	III

Environmental hazards
No

Special precautions for user
Special precautions: No special precautions.
Tunnel code: E
Transport category: 2

SECTION 15: Regulatory information

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

TC
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

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
* indicates text in the SDS which has changed since the last revision.

Further information/disclaimer
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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.