TALBOT CHEMICALS LTD

Safety Data Sheet
Premier Dishwash

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

Product identifier

Product name	Premier Dishwash
Product number	Premdish
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 Notts UK
Telephone	01636611707
Fax	01636611708
email	talbots.tc@gmail.com

Emergency telephone number

01636 611707

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.

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

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	5 - 10 % (weight)
EC no.	215-185-5
CAS no.	1310-73-2
Index no.	011-002-00-6
REACH registration	(REACH) Registration Number: 01-2119457892-27

- Skin corrosion/irritation, Cat. 1A

H314	Causes severe skin burns and eye damage

2. Tetrasodium EDTA

Concentration	4 - 5 % (weight)
EC no.	200-573-9
CAS no.	64-02-8
Index no.	607-428-00-2
REACH registration	https://echa.europa.eu/registration-dossier/-/registered-dossier/14817

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

H302+H312	Harmful if swallowed or in contact with skin
H318	Causes serious eye damage

3. L-Glutamic acid, N,N-bis(carboxymethyl)-, sodium salt (1:4)

Concentration	4 - 5 % (weight)
CAS no.	51981-21-6
REACH registration	https://echa.europa.eu/brief-profile/-/briefprofile/100.052.322

SECTION 4: First aid measures

Description of first aid measures

General notes	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Following inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.
Following skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse. Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.
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 poison center or 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. Do NOT induce vomiting. Immediately call a poison center or doctor. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: Harmful if swallowed. Causes burns to nose, mouth, throat, and digestive tract. Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea, blood in the feces and/or vomitus may also be seen.

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
Nitrilotriacetic acid trisodium salt: Carbon oxides, nitrogen oxides, Sodium oxides

---
Tetrasodium EDTA: Carbon oxides, nitrogen oxides (NOx), Sodium oxides

Advice for firefighters
Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Further information
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

Environmental precautions
Do not let product enter drains.

Methods and material for containment and cleaning up
Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

Conditions for safe storage, including any incompatibilities
Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

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)

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

Pictograms

Eye and face protection
Tightly fitting safety goggles. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Wear protective gloves. Consult manufacturer specifications for further information.

Body protection
Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
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.

Environmental exposure controls
Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Pale/Straw Liquid
Odour	None
Odour threshold	No data available.
pH	13.2
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	1.090
Solubilit(ies)	Readily Solulable
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.

Other information
No data available.

SECTION 10: Stability and reactivity

Reactivity
Contact with incompatible materials. Sources of ignition. Exposure to heat.

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

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.

Hazardous decomposition products

Sodium hydroxide : Sodium oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Skin corrosion/irritation

Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

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

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity
No data available.

Carcinogenicity

This product is or contains a component that has been reported to be 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.

Nitrilotriacetic acid trisodium salt: IARC: 2B - Group 2B: Possibly carcinogenic to humans (Trisodium nitrilotriacetate)
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.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
No data available.

Additional information

No data available.

EDTA Trisodium salt: From Sigma MSDS:

Hazard Codes Xi

Risk Statements 36/37/38

Safety Statements 26-36

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

Components:

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

SECTION 13: Disposal considerations

Waste treatment methods

Disposal of the product
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

UN Number	UN1760
UN Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (5% SODIUM HYDROXIDE)
Transport hazard class(es)	8
Packing group	II

Environmental hazards
No

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

SECTION 15: Regulatory information

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.