



MATERIAL SAFETY DATA SHEET
WELCO ALL PURPOSE DESCALER

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: Welco All Purpose Descaler

APPLICATIONS: CONNECT DISTRIBUTION SERVICES LTD.

SUPPLIER: McKLords Ltd
Bodelwyddan Business Park
Abergele Road
Bodelwyddan
Denbighshire LL18 5SX

EMERGENCY TEL: (0)1745 585995 **FAX:** (0)1745 585755

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	Cas. No.	Contents	Symbol	Risk
Phosphoric Acid	7664-38-2	<25%	C	R34, R36/38

Additional information: For the wording of the listed risk phrases refer to section 16.

3. HAZARDS IDENTIFICATION



R36//38 Irritating to eyes and skin.

4. FIRST AID MEASURES

SYMPTOMS & EFFECTS	Irritation of the skin, eyes and respiratory tract. Inhalation may cause headache and nausea, Ingestion may cause irritation of digestive tract.
EYES:	Promptly wash eyes with lots of water while lifting eyelids. If irritation persists, seek medical attention.
SKIN:	Remove immediately all contaminated clothing. Wash promptly all affected skin with water preferably under a shower. Seek medical attention if irritation persists. Do not allow inside of gloves to become saturated and continue working or serious skin damage could result.
INGESTION:	Wash out mouth with clean water and give copious amounts of water to drink. Seek medical attention immediately. NEVER INDUCE VOMITING.
INHALATION	Remove to fresh air. If rapid recovery does not occur, obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Select extinguishing media appropriate for other material involved Use fog equipment. In the absence of fog equipment with fine spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear full protective clothing and breathing apparatus if there is a risk of exposure to smoke or fumes from other source.
SPECIFIC HAZARDS	Not classified as flammable but will burn. Hazardous combustion products may include carbon monoxide.
OTHER INFORMATION	Keep adjacent containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP MEASURES: Greatly dilute with water, neutralize, then wash away with water.

SMALL SPILLS: Greatly dilute with water, neutralize, then wash away with water.

LARGE SPILLS: Greatly dilute with water, neutralize, then wash away with water.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid contact with skin, eyes and clothing. Do not breath vapour. Only use in well ventilated areas. Avoid handling above 67oC otherwise the product may form flammable/explosive vapour-air mixtures.

STORAGE PRECAUTIONS: Keep container tightly closed in well ventilated place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS Product carries the skin (SK) indicating it can be absorbed through the skin. MEL=Maximum Exposure Limit

OES-LTEL = Not Listed
OES-STEL = 5ppm (7mgm-3)
Odour threshold – 5ppm

PROTECTIVE EQUIPMENT:



VENTILATION: No specific recommendation noted except this product must NOT be used in a confined space without good ventilation.

RESPIRATORS: Where local exhaust ventilation is not practicable, wear Full face-piece respirator with organic vapour canister NPF 400.

PROTECTIVE GLOVES: Chemical resistant gloves required

EYE PROTECTION: Wear approved safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Reacts with alkalis and amines and generates heat. Attacks most common metals, liberating hydrogen, which can form explosive mixtures with air.
HAZARDOUS DECOMPOSITION PRODUCTS:	Fire creates: Irritating gases/vapours/fumes of: Phosphoric acid mist. Oxides of: Phosphorus.

11. TOXICOLOGICAL INFORMATION

EYE CONTACT:	Liquid and vapour cause irritation and corrosion.
SKIN CONTACT:	Liquid and vapour cause irritation and corrosion.
RESPIRATORY IRRITATION:	Liquid and vapour cause irritation and corrosion

12. ECOLOGICAL INFORMATION

DEGRADABILITY:	Biodegradable.
BIOACCUMULATION:	Does not bio-accumulate.



13. DISPOSAL CONSIDERATION

DISPOSAL METHODS:	Treat as for spillages.
EMPTY CONTAINERS:	Disposal in accordance with Control of Pollution Act 1974.
WASTE DISPOSAL:	Recover and recycle if possible. Otherwise incineration.
PRODUCT DISPOSAL:	Recover and recycle if possible. Otherwise incineration.

14. TRANSPORT INFORMATION

Class:	8 (C1) Corrosive substances.
H I Number:	80
UN-Number:	1805
Packaging group:	III
Designation of goods:	Phosphoric Acid solution.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:	R36//38 Irritating to eyes and skin
SAFETY PHRASES:	S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Relevant R-phrases:

R34 Causes burns.

R37 Irritating to respiratory system.

This document is produced as a guide only. A good standard of industrial hygiene should always be employed with all substances used in the work place. Always ensure that the inside of gloves or clothing does not become saturated and work allowed to continue, especially with acidic and alkaline products, as serious skin damage could result.

To comply with our continuing Quality Policy we reserve the right to change any specifications deemed appropriate, or to conform to alterations under the Health and Safety Act.

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