

SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

1/ IDENTIFICATION

1.1 Product Identifier

Trade name	UCCC WATER-BASED DEGREASER
Synonym	WATER-BASED DEGREASER
Product code	WBD002
EINECS or IUPAC Name	
Molecular Formula	Mixture

1.2 Relevant Identified Use of Substance or mixture and uses advised against

Recommended Use: Cleaning and Degreasing.

1.3 Details of Supplier

Company Identification: United Chemicals Composites & Colours Pty Ltd
(ABN 25 600 232 040)
30A Futura Road,
Keysborough, Vic. 3173, Australia
Ph. 61 (03) 9798 2650
Fax 61 (03) 9798 3562
email: sales@uccc.com.au
Website: uccc.com.au

1.4 Emergency Telephone Number(s)

Phone: In Australia (all states)	Normal business hours (Mon-Fri, 9-5pm AEST) 0397982650
	Outside business hours
In New Zealand	24 hours 0800 734 607
POISONS INFORMATION CENTRE:	13 11 26 Australia; or
	0800 734 607 New Zealand or
	613 9663 2130 International

2/ HAZARD IDENTIFICATION

Classified as a Hazardous Chemical according to the classification by Safe Work Australia.



Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

2.1 Classification of Substance or Mixture

Signal word: **DANGER**

GHS Classification	Pictogram	Hazard Statement
Eye Damage/Irritation, Category 1	 Corrosive	H318 Causes serious eye damage
Skin Corrosion/Irritation, Category 2	 Harmful	H315 Causes skin irritation

2.2 GHS Label Elements, including precautionary statements

GENERAL P101 P102 P103	If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before use.
PREVENTATIVE P264 P270 P273 P280	Wash hands and face thoroughly after handling. Avoid release to the environment. Use personal protective equipment as required. Wear protective gloves/eye protection/face protection.
RESPONSE P301+P310 P302+P352 P304+P340 P305+P351+P338+P310 P312	IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 CENTRE or doctor/physician. Call a POISON CENTRE or doctor/physician if you feel unwell.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

P332+P313 P362 P391	If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.
STORAGE P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50C.
DISPOSAL P501	Dispose of contents/container in accordance with local regulations.

3/ COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Water-based mixture, pink colour.

Hazardous Component(s):

Composition

Chemical Entity	CAS Number	Contents(%)
Sodium Hydroxide	1310-73-2	2
2-Butoxyethanol	111-76-2	< 5
Alkaline Salts	-	< 10
Surfactants	-	< 10
Dye	-	< 1
Water	7732-18-5	Balance

Note: All chemical entities in these formulations comply with NICNAS legislation.

4/ FIRST AID MEASURES

Inhalation:	If inhaled, remove person immediately from contaminated area to fresh air. Keep at rest. Apply artificial respiration if not breathing. Seek immediate medical attention.
Skin Contact:	If skin or hair contact occurs, remove contaminated clothing/footwear and flush affected skin/hair with water, followed by washing with soap and water if available. If symptoms develop, seek medical attention.
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.
Ingestion/If Swallowed:	If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical attention.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

4.1 Symptoms caused by exposure

Inhalation	May result in burning sensation of the nose and throat.
Skin Contact	A skin irritant. May include skin burns, redness, swelling and/or blisters.
Eye Contact	Risk of serious damage to eyes. Eye contact may cause stinging, redness, blurring, tearing, severe pain and possible permanent corneal damage.
Ingestion	May result in nausea vomiting and stomach pain

4.2 Medical attention and special treatment

Treat symptomatically.

5/ FIRE FIGHTING MEASURES

5.1 Suitable extinguishing equipment

Non-combustible, not considered to be a significant fire risk.

5.2 Specific hazards arising from the substance

May evolve carbon dioxide on decomposition.

5.3 Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus. Hazchem code 2X.

6/ ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment and clothing to minimise skin/eye exposure and inhalation of vapours. Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Ventilate contaminated area thoroughly.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

6.2 Environmental precautions

For small spills (< 1 drum), dilute with water and mop up, or absorb with dry inert material, and place in an appropriately-labelled, sealable container for product recovery or safe disposal.

For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Retain as contaminated waste.

Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7/ HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid breathing vapours. Do NOT ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Handle and open containers with care in a well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains.

7.2 Conditions for Safe Storage, Including Any Incompatibilities.

Store in a cool, well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidisers.

8/ EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -

Sodium Hydroxide: 2mg/m³ (peak) TWA

2-Butoxyethanol: 96.9mg/m³ (20ppm) TWA, 242mg/m³ (50ppm) STEL

Alkaline salts: 10mg/m³ in respirable mists



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

8.2 Biological monitoring

No biological limit allocated.

8.3 Engineering controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

8.4 Biological Monitoring

No biological limit allocated.

8.5 Individual protection measures

Eye and Face protection	Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances ie. methods of handling and engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.
Skin protection	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes. Wear appropriate clothing (eg. long coveralls) including chemical resistant apron where clothing is likely to be contaminated.
Respiratory protection	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards	Not applicable.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

9/ PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Typical value
Appearance:	Pink liquid
Odour:	Characteristic
Odour threshold (ppm):	Data not available
pH:	11.8
Melting point/freezing point (°C):	0 (approx.)
Initial boiling point and boiling range (°C):	100 (approx.)
Flash point (°C):	Not applicable
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Non-combustible
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (mmHg @ 20°C):	Data not available
Vapour density (air = 1):	Data not available
Density (g/ml @ 15°C):	1.01 - 1.02
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm ² /s @ 20°C):	Data not available

10/ STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions of storage and handling.

10.2 Chemical stability

This material is thermally stable when stored and used as directed.

10.3 Possibility of hazardous reactions

Stable under normal conditions of use.

10.4 Conditions to avoid

Avoid oxidising agents and naked flames.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

10.5 Incompatible materials

Strong acids, oxidising reagents.

10.6 Hazardous decomposition products

May evolve carbon dioxide.

11/ TOXICOLOGICAL INFORMATION

Acute toxicity	Swallowing this product can result in nausea vomiting and stomach pain.
Skin corrosion/irritation	Irritant, prolonged contact may cause dermatitis
Serious eye damage/irritation	Irritant. Corneal injury may develop with possible impairment of vision if not promptly and adequately treated.
Respiratory or skin sensitisation	Data not available
Germ cell mutagenicity	Data not available.
Carcinogenicity	Data not available.
Reproductive toxicity	Data not available.
Specific Target Organ Toxicity (STOT)- single exposure	Slight irritant to respiratory tract when in mist form.
Specific Target Organ Toxicity (STOT)- repeated exposure	Data not available.
Aspiration hazard	Data not available.

*Based on toluene.

Note. Exposure to very high concentrations of similar materials has been associated with irregular heart rhythms and cardiac arrest. Abuse of product vapours should be avoided.

12/ ECOLOGICAL INFORMATION

Avoid contaminating waterways.

12.1 Ecotoxicity

Data not available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bio-accumulative potential.

Data not available.



SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

12.4 Mobility in soil

If product enters soil, it will be highly mobile and may contaminate groundwater.

12.5 Other adverse effects.

Unknown.

13/ DISPOSAL INFORMATION

13.1 Disposal

Disposal of spilled or waste material/container must be carried out in accordance with the relevant local and national government regulations.

13.2 Special Conditions for Disposal

This product should not be disposed into landfill.

14/ TRANSPORT INFORMATION

1. UN Number:	1760
2. UN Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.
3. Australian Dangerous Goods class:	8
4. Australian Dangerous Goods packing group:	III
5. Hazchem Code:	2X

15/ REGULATORY INFORMATION

Classified as a hazardous chemical according to the GHS criteria of Safe Work Australia.

15.1 Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, and the New Zealand standard NZS5433: Transport of Dangerous Goods on Land.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP Poisons Schedule):	5
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SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	37
Australian Inventory of Chemical Substances (AICS):	All ingredients listed.

16/ OTHER INFORMATION

Date of preparation or last revision of MSDS.

MSDS Version: 2, created June 2017.

References:

- 1/ Supplier Material Safety Data Sheets.
- 2/ Safe Work Australia website.

Contact Person/Point: For further information or clarification, contact the Technical Manager, UCCC on Ph 03 9798 2650.

IMPORTANT ADVICE: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with the other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the supplier listed in section 1 of the Safety Data Sheet. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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SAFETY DATA SHEET

Substance name: WATER-BASED DEGREASER

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