

# SAFETY DATA SHEET



## NEUTRAL CLEANER

ACTICHEM PTY LTD

Catalogue number: **RG667**

Version No: 1.1

Issue date: **12/08/2021**

Safety Data Sheet according to WHS and ADG requirements.

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

Product name	NEUTRAL CLEANER
Product code	RG667
Pack sizes	5L

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

Relevant identified uses	Low foam, low residue, environmentally friendly detergent.
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#### Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

#### Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 1126
Other emergency telephone numbers	Not Available

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification	Serious Eye Damage/Irritation Category 1. <i>Classification drawn from HCIS and ECHA C&amp;L Inventory.</i>

#### Label elements

Hazard pictogram	
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SIGNAL WORD	<b>DANGER</b>
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#### Hazard statement(s)

H318	Causes serious eye damage
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#### Precautionary statement(s) Prevention

P280	Wear eye/face protection.
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#### Precautionary statement(s) Response

P305+P310 +P351+P338	IF IN EYES: Immediately call a POISON CENTRE or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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#### Precautionary statement(s) Storage

Not applicable

#### Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local government regulations
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**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS****Substances**

See section below for composition of Mixtures.

**Mixtures**

CAS No	%[weight]	Name
Trade secret	<10	<u>Proprietary surfactant A</u>
Trade secret	<10	<u>Proprietary surfactant B</u>
Trade secret	<10	<u>Proprietary chelating agent</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

**SECTION 4 FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	If this product comes in contact with the eyes: Seek medical advice/attention without delay Wash out immediately with fresh running water for 10-15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin Contact</b>	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>Inhalation</b>	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
<b>Ingestion</b>	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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

Treat symptomatically.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

<b>Extinguishing media</b>	The product contains a substantial amount of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas
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**Special hazards arising from the substrate or mixture**

<b>Fire incompatibility</b>	None known
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**Advice for firefighters**

<b>Fire Fighting</b>	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. <b>DO NOT</b> approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
<b>Fire/Explosion Hazard</b>	The material is not readily combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers emit acrid smoke. Decomposes on heating and produces toxic fumes of: carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), phosphorus oxides (PO <sub>x</sub> ) and other pyrolysis products typical of burning organic material May emit corrosive fumes.
<b>HAZCHEM</b>	Not applicable

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Minor Spills</b>	Wipe up with paper towel and dispose of responsibly.
<b>Major Spills</b>	Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
<b>PPE</b>	Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

<b>Safe handling</b>	Avoid all personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. <b>When handling, DO NOT eat, drink or smoke.</b> Keep containers securely sealed when not in use. Avoid physical damage to containers. <b>DO NOT allow clothing wet with material to stay in contact with skin</b>
<b>Other information</b>	

### Conditions for safe storage, including any incompatibilities

<b>Suitable container</b>	Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
<b>Storage incompatibility</b>	Metal containers

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)



#### INGREDIENT DATA

No relative data

#### EMERGENCY LIMITS

No relative data

### Exposure controls

<b>Appropriate engineering controls</b>	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended.
<b>Personal protection</b>	 
<b>Eye and face protection</b>	Safety glasses with side shields OR Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. . Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.
<b>Skin protection</b>	See Hand protection below <b>NOTE:</b> The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact. Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed
<b>Hands/feet protection</b>	Wear elbow length chemical protective gloves. Neoprene or butyl are recommended for this application.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	Barrier cream. Skin cleansing cream. Eye wash unit.
<b>Thermal hazards</b>	Not Available

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Clear blue liquid		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour</b>	Fresh citrus	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	8.5-8.8	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	Not Applicable	<b>Taste</b>	Not Available

Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

## SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
Skin Contact	The material is not thought to produce adverse health effects or irritation of the skin. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Eye	This material can cause eye irritation and damage in some persons.
Chronic	No relative data listed.

### Toxicological effects of ingredients

proprietary surfactant A	Acute toxicity	Oral LD50 (rat) 580 - >3800 mg/kg Dermal LD50 (rabbit) >10000 mg/kg
	Skin corrosion/irritation	Slightly irritating
	Eye damage/irritation	Severely irritating
	Respiratory/skin sensitization	No available data
	Germ cell mutagenicity	Non-mutagenic for bacteria and/or yeast.
	Carcinogenicity	Not carcinogenic
	Reproductive toxicity	No available data
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
proprietary surfactant B	Acute toxicity	Oral ATE 5495 mg/kg Dermal ATE 5495 mg/kg
	Skin corrosion/irritation	Irritating to skin
	Eye damage/irritation	Serious eye damage
	Respiratory/skin sensitization	Not sensitising
	Germ cell mutagenicity	Not genotoxic
	Carcinogenicity	No available data
	Reproductive toxicity	No available data
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data
proprietary chelating agent	Acute toxicity	Oral ATE >5000 mg/kg
	Skin corrosion/irritation	Not expected to be irritating
	Eye damage/irritation	Not expected to be irritating
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available
	Reproductive toxicity	No data available
	STOT (single exposure)	No data available
	STOT (repeated exposure)	No data available
	Aspiration toxicity	No data available

**SECTION 12 ECOLOGICAL INFORMATION****Toxicity**

	Endpoint	Duration (Hr.)	Species	Value
proprietary chelating agent	LC50	96	Oncorhynchus mykiss (rainbow trout)	>100 mg/l
Proprietary surfactant A	LC50	96	Fish	1 – 10 mg/l
	EC50	48	Daphnia	1 – 10 mg/l
	EC50	72	Daphnia	10 – 100 mg/l
	EC50	96	Algae	3.9 mg/l

**Persistence and degradability**

Ingredient	Persistence: Water/Soil	Persistence: Air
	No data available for all ingredients	No data available for all ingredients

**Bio accumulative potential**

Ingredient	Bioaccumulation
	No data available for all ingredients

**Mobility in soil**

Ingredient	Mobility
	No data available for all ingredients

**SECTION 13 DISPOSAL CONSIDERATIONS****Waste treatment methods**

Product / Packaging disposal	
	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.

**SECTION 14 TRANSPORT INFORMATION****Labels Required**

Marine Pollutant	
HAZCHEM	Not Applicable

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**SECTION 15 REGULATORY INFORMATION****Safety, health and environmental regulations / legislation specific for the substance or mixture**

No information available

**SECTION 16 OTHER INFORMATION****Revision Schedule**

Revision Date	
Initial Date	12/08/2021

**SDS Version Summary**

Version	Issue Date	Sections Updated
1.1	12/08/2021	All sections originated

**Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&amp;L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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#### Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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**End of SDS**