



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER W.A 6053.  
TELEPHONE : Bus. (08) 93782022 Mobile 0418 956 860 A/H (08) 9381 5052.  
Facsimile (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

**THIS PRODUCT IS A HAZARDOUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA**

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:	Neutra Concentrate, Neutra RTU
Manufacture Code:	NTRA
Emergency Telephone No:	(08) 9378 2022 0408 940 669 (08) 9381 5052
Email:	accounts@calmarc.com.au
Creation Date:	1 December 2016
SDS Responsibility:	Calmarc Chemical's Technical Sales (08) 9378 2022 0408 940 669
Other Information:	This SDS summarises 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 SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibilities for products sold are subject to our standard terms and conditions. A copy of our terms and conditions and technical information pamphlets are available upon request. <b><u>DISCLAIMER</u></b> This information is based on the present level of knowledge about safety requirements not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

### SECTION 2 – HAZARDS INFORMATION/EMERGENCY OVERVIEW

<b>Globally Harmonised System</b>	
Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of classification and labelling of Chemicals (GHS).
Signal Word	<b>DANGER</b>
Physical Data	<b>Product is water based.</b>
<b>ACUTE HEALTH EFFECTS</b>	
Swallowed	Ingestion produces intense gastrointestinal irritation with haemorrhage and congestion of intestines. Short-term exposure by ingestion is considered harmful.
Eye	A severe eye irritant.
Skin	Contact with skin will result in mild irritation. Can be absorbed through the skin with resultant toxic effects.



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**Inhalation** Not normally an inhalation risk due to low vapour pressure at ambient temperatures. Vapour is irritant to mucous membranes and respiratory tract.

**Chronic** None known at this time.

**SPECIAL HEALTH EFFECTS**

**Environmental** Do not allow products to enter drinking water, rivers and streams as it may harm vegetation and wildlife.

GHS Classification	Pictogram	Hazard Statement
Skin Corrosion/Irritation Category 2		H315 – Causes skin irritation.
Specific Target Organ Toxicity (Repeated Exposure) Category 3		H318 – Causes serious eye damage.
Serious Eye Damage/Irritation Category 2		H373 – Kidney, liver, blood.
Acute Hazard To The Aquatic Environment Category 3		H402 – Harmful to aquatic life.

<b>GENERAL</b>	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
<b>PREVENTATIVE</b>	
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
<b>RESPONSE</b>	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see First Aid Measures on Safety Data Sheet)
P312	Call a POISON CENTRE or doctor if you feel unwell.
P332 + P313	IF skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.



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<b>STORAGE</b>	
P403 + P233 P405	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>DISPOSAL</b>	
P501	Dispose of contents/container in accordance with local/regional/national and international regulations.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONCENTRATION
Ethanol, 2,2',2" – nitrilotris	102-71-6	4-40% m/m
Water	7732-18-5	60-85% m/m

### SECTION 4 – FIRST AID MEASURES

<b>Swallowed</b>	Give water to drink. If vomiting occurs give further water to achieve effective dilution. Seek immediate medical assistance.
<b>Eye</b>	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash contaminated skin. Seek medical advise.
<b>Skin</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse.
<b>Inhalation</b>	Remove victim from exposure – avoid becoming a casualty. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.
<b>Advice to Doctor</b>	Treat symptomatically.

### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion</b>	Not flammable as supplied. Avoid strong heat sources which are able to boil off the water content.
<b>Ventilation</b>	Always have some form of ventilation when using or storing this product.
<b>Earthing</b>	Earth the product container if there is a potential for static electricity build up.
<b>Autoignition Temperature</b>	Only ignites in the presence of a very strong ignition source and only after the water is removed.
<b>Source of Ignition</b>	Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.



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<b>Flash Point</b>	Not applicable – aqueous product.
<b>Extinguishing Media</b>	Use carbon dioxide, dry chemical extinguishers.
<b>Special Fire Fighting Procedures</b>	None
<b>Decomposition Products</b>	Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.
<b>Upper Explosive Limit</b>	N/A
<b>Lower Explosive Limit</b>	N/A
<b>Reactivity</b>	Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.
<b>Protection of Firefighters</b>	Wear safety boots, non-flammable overalls, gloves, safety hat (with face shield) or firefighter helmet (preferred), goggles and self-contained breathing apparatus. All skin areas should be covered. Block all drains and water courses to inhibit any spillage into them.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal</b>	Spills should be contained and absorbed with sand, vermiculite, attapulgite or inert material. Place the contaminated material in a plastic or metal container and dispose of it at an industrial waste site. Do not allow the product to enter drains or waterways. Small amounts can cause high turbidity.
<b>Cleaning Protection</b>	Open up the area where spill or leak has occurred to ventilate direct vapours away. Attach earth leak cables to any containers in the spill area. Have absorbents, such as vermiculate, attapulgite, carboard or sand on hand to control flow of the spilled mobile product. Use wet vacuum cleaner or mop to collect any small spills.

#### SECTION 7 – HANDLING AND STORAGE

<b>Protection against explosions and fires</b>	Keep containers on site away from sources of heat, sparks and earth if necessary, for static electricity. Use secure locked storage if possible and have forced or natural ventilation over worksite or storage areas.
<b>Packages</b>	The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.
<b>Storage</b>	After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. Store in a cool, dry, well-ventilated area under cover between 5°C and 30°C. Store containers away from any heat sources, sparks. Do not store with oxidising agents or acids.



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#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits** No airborne exposure limits have been established for NEUTRA by Safe Work Australia.

#### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection** Wear safety glasses, goggles or preferably a face shield. In enclosed non-ventilated areas, an air line to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.

**Skin/Body Protection** Wear vinyl, latex or PVC gloves for 8-hour day. Short-term protection (1 hour), natural rubber is suitable. Wear full coverall clothing protection with safety boots.

**Hygiene Measure** Wash hands before meal breaks and at the end of a work period. Any contaminated clothing should be removed. Avoid inhaling any fumes on a long-term basis.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Substance	Formulation of chemicals
Physical Form	Low viscosity liquid
Colour	Water clear solution
Odour	Negligible
pH	9-10
Boiling Point	100°C at 760 mmHg
Melting Point	Not Applicable
Flash Point	Not Applicable
Freezing Point	0°C
Autoignition	Only ignites in the presence of a very strong ignition source and only after the water is removed.
Water Solubility	Complete
Specific Gravity	1.01 g/cc
Corrosivity	Corrosive (alkaline)

#### SECTION 10 – STABILITY AND REACTIVITY

**Stability** Stable as supplied at normal (average) atmospheric temperatures.

**Reactivity** Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.

**Decomposition Products** Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.



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#### SECTION 11 – TOXICOLOGICAL INFORMATION

None Known.

#### SECTION 12 – ECOLOGICAL INFORMATION

None Known.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal** Allow absorbents to dry out in the open atmosphere. Contaminated product should be reprocessed by an approved organisation. Place any dried absorbent in plastic bags, seal and dispose at an approved site.

#### SECTION 14 – TRANSPORT INFORMATION

Shipping Name	Neutra Concentrate, RTU
Dangerous Goods Code	8
Subsidiary Risk	6.1(a)
UN Number	2491
Packaging Group	II or III
I.E.R.G. No.	36
HAZCHEM	2R

#### SECTION 15 – REGULATORY INFORMATION

**Poison Schedule** 5

#### SECTION 16 – OTHER INFORMATION

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product.

Directions for use are on the label and brochure describing **Neutra Concentrate, Neutra RTU**.

**SDS NEXT REVIEW DATE** 30 August 2024

**END OF SDS FOR NEUTRA CONCENTRATE, NEUTRA RTU**