



SAFETY DATA SHEET

Safety Data Sheet conforms to Safe Work Australia and Work Health and Safety (WHS) Regulations

SDS: 0061929
Date Prepared: 30-Oct-2019

Version: 3
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1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: QUINTOLUBRIC 818-02
Other means of identification: None
Product Description: Mixture of water, fatty acids amine salts, amines, surfactants, chelating agent, corrosion inhibitors and others
Intended/Recommended Use: Recommended for Industrial and/or Professional use only
Uses advised against: Not available

Quaker Chemical (Australasia) Pty Ltd.
49 - 61 Stephen Road, Botany, NSW 2019, Australia

For Product and all Non-Emergency Information call +61 (02) 9666 0331 (business hours only) or contact us at <http://www.allnex.com/contact>

EMERGENCY TELEPHONE NUMBER (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

+61 1800 022 037 (Allnex Australia)
See Section 16 for Emergency phone numbers for other regions.

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

GHS Classification
Aquatic Environment Acute Hazard Category 2
Aquatic Environment Chronic Hazard Category 3

LABEL ELEMENTS

Hazard Statements
Toxic to aquatic life
Harmful to aquatic life with long lasting effects

Precautionary Statements**Prevention**

Avoid release to the environment.

Disposal

Dispose of contents/container in accordance with local and national regulations.

OTHER HAZARDS

Not applicable

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

Component / CAS No.	%	GHS Classification
Octanoic Acid, compound with 2 Aminoethanol 28098-03-5	10-<20	Skin Irrit. 2 (H315) Eye Irrit. 2A (H319)
Monoethanolamine 141-43-5	1-<5	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)
(Ethylenedioxy)dimethanol 3586-55-8	1-<2.5	Flam. Liq. 4 (H227) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)
Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compo und with 2-aminoethanol 783324-39-0	1-<2.5	Skin Irrit. 2 (H315) Eye Irrit. 2A (H319)
1-Amino-2-propanol 78-96-6	1-<2.5	Flam. Liq. 4 (H227) Skin Corr. 1B (H314) Eye Dam. 1 (H318)
Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imin o]bis 88477-37-6	0.1-<1	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Acute 3 (H402) Aquatic Chronic 3 (H412)
3-iodo-2-propynyl butylcarbamate 55406-53-6	<0.3	Acute Tox. 4 (H302) Acute Tox. 3 (H331) STOT RE 1 (H372) Skin Irrit. 3 (H316) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

Other non-hazardous ingredients to 100%

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

See Section 16 for full text of H phrases.

4. FIRST-AID MEASURES

Emergency telephone number

Poisons Information Centre, Australia: 13 11 26

Symptoms and Signs of Poisoning:

No information available.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Skin Contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention.

Ingestion:

Immediate medical attention is required. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

full water jet.

Protective Equipment:

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Special Hazards:

The product causes irritation of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

HAZCHEM Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Methods For Containment:

Prevent further leakage or spillage if safe to do so.

Methods For Cleaning Up:

Take up mechanically, placing in appropriate containers for disposal.

Environmental Precautions:

Avoid release to the environment.

References to other sections:

See Sections 7, 8 and 13 for additional information.

7. HANDLING AND STORAGE

Handling

Precautions: Avoid release to the environment.

Special Handling Statements: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

Storage

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from moisture. Store locked up. Keep out of reach of children. Store separately. Keep from freezing.

Storage Temperature: Ambient temperature

Reason: Quality.

Australian AS 1940 Storage Classification: Not applicable

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS - Limits**Monoethanolamine 141-43-5**

Australia:	3 ppm (TWA)
	7.5 mg/m ³ (TWA)
	6 ppm (STEL)
	15 mg/m ³ (STEL)
New Zealand:	3 ppm (TWA)
	7.5 mg/m ³ (TWA)
	6 ppm (STEL)
	15 mg/m ³ (STEL)
ACGIH (TLV):	6 ppm (STEL)
	3 ppm (TWA)

Biological Exposure Limit(s)

No values have been established.

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Respiratory Protection:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

Eye protection:

Tight sealing safety goggles. Face protection shield.

Skin Protection:

Wear suitable protective clothing. Apron. Gloves made of plastic or rubber.

Hand protection:

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

Additional Advice:

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Colour:	Fluorescent yellow-green
Appearance:	clear liquid
Odor:	characteristic
Odor Threshold:	See Section 8 for exposure limits.
pH:	Not applicable
Melting Point:	Not applicable
Boiling Point:	100 °C
Flash point:	does not flash
Evaporation Rate:	Not available
Flammable Limits (% By Vol):	Not available
Vapor Pressure:	Not available
Vapour density:	Not available
Specific Gravity/Density:	1.020 - 1.030 g/cm ³
Solubility In Water:	completely soluble
Partition coefficient (n-octanol/water):	Not available
Autoignition temperature:	Not applicable
Decomposition Temperature:	Not available
Viscosity (Kinematic):	Not applicable
Viscosity (Dynamic):	No information available
Explosive Properties:	Not available
Oxidizing Properties:	No

OTHER INFORMATION

Fat Solubility (Solvent-Oil):	Not available
Percent Volatile (% by wt.):	Not available
Solids Content:	Not available
Saturation In Air (% By Vol.):	Not available
Acid Number (mg KOH/g):	Not available
Hydroxyl Value (mg KOH/g):	Not available
Volatile Organic Content (1999/13/EC):	Not available

10. STABILITY AND REACTIVITY

Reactivity:	No information available
Stability:	Stable.
Conditions To Avoid:	Protect from heat and direct sunlight.
Polymerization:	Will not occur
Conditions To Avoid:	None known
Materials To Avoid:	Strong oxidizing agents. Strong acids Strong bases
Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Respiratory System, Skin, Eyes.

HEALTH HAZARD INFORMATION

Acute toxicity - oral: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - dermal: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - inhalation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin corrosion / irritation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Serious eye damage / eye irritation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Respiratory sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Carcinogenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Germ cell mutagenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Reproductive toxicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (single exposure): Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

Aspiration hazard: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 20 mg/l (Vapors)
inhalation	rat	Acute LC50 4 hr	> 5 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Not irritating (tested)
Acute Irritation	eye	Not irritating (tested)

ALLERGIC SENSITIZATION

Sensitization	Skin	Not sensitizing
Sensitization	respiratory	No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay	No data
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OTHER INFORMATION

The toxicity data above are the results from Allnex sponsored studies or from the available public literature. The toxicological properties of this material have not been fully determined.

HAZARDOUS INGREDIENT TOXICITY DATA

Monoethanolamine has acute oral (rat) and dermal (rabbit) LD50 values of 1515mg/kg and 1050 mg/kg, respectively. The 6-hours inhalation LC50-value was > 1.3 mg/L in a rat study. Monoethanolamine caused severe eye and skin irritation when tested in rabbits. Inhalation of monoethanolamine vapor can cause irritation of the nose, throat and lungs. Allergic reactions are not expected. No genotoxic effects were seen during in vitro and animal studies. Repeated exposure to monoethanolamine vapours may lead to adverse effects on the respiratory tract. Male reproductive organs were affected during an oral repeated dose study in rats. No teratogenic effects were seen in a prenatal toxicity study and no tumours developed in a 2-years dietary study with dogs.

(Ethylenedioxy)dimethanol has an oral (rat) LD50 value of 200-2000 mg/kg. For acute dermal toxicity, the LD50 (rat) was > 2000mg/kg. Acute inhalation has not been investigated. The test substance causes serious damage to the eye and was scored positive for skin irritation. Allergic reactions were not observed in a guinea pig maximization study. Genotoxicity was observed in in vitro assays, but not confirmed in animal studies. It is assumed that (ethylenedioxy)dimethanol hydrolyses rapidly in body fluids, resulting in exposure to formaldehyde and ethylene glycol. Therefore, the toxicological profile of (ethylenedioxy)dimethanol is expected to be similar to these 2 substances. Teratogenic effects were seen in after exposure to ethylene glycol. Formaldehyde is a proven sensitizer, mutagen and carcinogen.

Inventory Multi-tiered Assessment and Prioritization (IMAP)

This product contains one or more Stage One Chemical(s).

Component / CAS No.	Stage One Chemicals
Monoethanolamine 141-43-5	Tier II Final (Human Health);Tier I Final (Environment) NICNAS holds data;Concern has been raised overseas
1-Amino-2-propanol 78-96-6	Tier II Final (Human Health);Tier I Final (Environment) NICNAS holds data;Concern has been raised overseas
3-iodo-2-propynyl butylcarbamate 55406-53-6	Tier II Final (Human Health);Remaining Priority (Environment) Concern has been raised overseas

12. ECOLOGICAL INFORMATION

Overall Environmental Toxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

The ecological assessment for this material is based on an evaluation of its components.

ECOTOXICITY

Not available

BIOACCUMULATIVE POTENTIAL

Not available

PERSISTENCE AND DEGRADABILITY

Not available

MOBILITY IN SOIL

Not available

OTHER ADVERSE EFFECTS**HAZARD TO THE OZONE LAYER**

Not available

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Octanoic Acid, compound with 2 Aminoethanol (28098-03-5)	Not available
Monoethanolamine (141-43-5)	LC50 = 206 mg/L - Pimephales promelas (96h) LC50 = 3682 mg/L - Brachydanio rerio (96h)

	NOEC = 1221 mg/L - Brachydanio rerio (96h) LC50 = 349 mg/L - Cyprinus carpio (96h) NOEC = 1.24 mg/L - Oryzias latipes (41d)
(Ethylenedioxy)dimethanol (3586-55-8)	Not available
Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compound with 2-aminoethanol (783324-39-0)	Not available
1-Amino-2-propanol (78-96-6)	LC50 = 215 - 464 mg/L - Leuciscus idus (96h)
Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis (88477-37-6)	Not available
3-iodo-2-propynyl butylcarbamate (55406-53-6)	LC50 0.049 - 0.079 mg/L - Oncorhynchus mykiss (96h) LC50 0.05 - 0.089 mg/L - Oncorhynchus mykiss (96h) LC50 0.14 - 0.32 mg/L - Lepomis macrochirus (96h) LC50 0.18 - 0.23 mg/L - Pimephales promelas (96h)

Component / CAS No.	Toxicity to Water Flea
Octanoic Acid, compound with 2 Aminoethanol (28098-03-5)	Not available
Monoethanolamine (141-43-5)	EC50 = 65 mg/L - Daphnia magna (48h)
(Ethylenedioxy)dimethanol (3586-55-8)	Not available
Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compound with 2-aminoethanol (783324-39-0)	Not available
1-Amino-2-propanol (78-96-6)	EC50 = 108.82 mg/L - Daphnia magna Straus (48h)
Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis (88477-37-6)	Not available
3-iodo-2-propynyl butylcarbamate (55406-53-6)	Not available

Component / CAS No.	Toxicity to Algae
Octanoic Acid, compound with 2 Aminoethanol (28098-03-5)	Not available
Monoethanolamine (141-43-5)	EC50 = 24.7 mg/L - Phaeodactylum tricornutum(72h) EC50 = 2.8 mg/L - Pseudokirchnerella subcapitata (72h) NOEC = 1 mg/L - Pseudokirchnerella subcapitata (72h)
(Ethylenedioxy)dimethanol (3586-55-8)	Not available
Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compound with 2-aminoethanol (783324-39-0)	Not available
1-Amino-2-propanol (78-96-6)	EC50 = 32.7 mg/L - Desmodesmus subspicatus (72h) EC10 = 15.1 mg/L - Desmodesmus subspicatus (72h)

Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis (88477-37-6)	Not available
3-iodo-2-propynyl butylcarbamate (55406-53-6)	Not available

Component / CAS No.	Partition coefficient
Octanoic Acid, compound with 2 Aminoethanol (28098-03-5)	Not available
Monoethanolamine (141-43-5)	log Kow = -1.91
(Ethylenedioxy)dimethanol (3586-55-8)	Not available
Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compound with 2-aminoethanol (783324-39-0)	Not available
1-Amino-2-propanol (78-96-6)	-0.94
Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis (88477-37-6)	Not available
3-iodo-2-propynyl butylcarbamate (55406-53-6)	Not available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of at approved facilities. All local and national regulations should be followed.

Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Australia (ADG)

Dangerous Goods? Not applicable/Not regulated
HAZCHEM Code: Not applicable

IMO

Dangerous Goods? Not applicable/Not regulated

ICAO / IATA

Dangerous Goods? Not applicable/Not regulated

SPECIAL PRECAUTIONS FOR USER
PROTECT FROM FREEZING

15. REGULATORY INFORMATION**Safety, health and environmental regulations specific for the product in question****Ozone Depleting Substances (Regulation (EC) No 1005/2009):** Not applicable**Persistent Organic Pollutants (Regulation (EC) No 850/2004):** Not applicable**Poison Schedule Number:** Not scheduled**Inventory Information****Australia:** All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.**New Zealand:** This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.**United States (USA):** One or more components of this product are NOT included on the U.S. Toxic Substances Control Act (TSCA) Inventory. The chemical, physical, and toxicological properties of this material have not been fully investigated. Its handling or use may be hazardous, and it must be used under the supervision of technically qualified individuals. Materials not included on the TSCA Inventory may only be used for research and development (R&D) purposes or in other TSCA exempt activities.**Canada:** One or more components of this product are NOT included on the Canadian Domestic Substances List (DSL).**China:** One or more components of this product are NOT included on the Chinese (IECSC) inventory.**Japan:** One or more components of this product are NOT included on the Japanese (ENCS and/or ISHL) inventories.**Korea:** One or more components of this product are NOT included on the Korean (ECL) inventory.**Philippines:** One or more components of this product are NOT included on the Philippine (PICCS) inventory.**Taiwan:** One or more components of this product are NOT included in the Taiwan chemical substance inventory (TCSI).

16. OTHER INFORMATION**Reasons for Issue:** Revised Section 2
Revised Section 3
Revised Section 11
Revised Section 12
Revised Section 16**Date Prepared:** 30-Oct-2019**Date of last significant revision:** 30-Oct-2019**References**

Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice

Globally Harmonised System of classification and labelling of chemicals (GHS)
Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia
American Conference of Industrial Hygienists (ACGIH)
Australian Code for the Transport of Dangerous Goods by Road & Rail
Regulation (EC) No 1005/2009 of the European Parliament and of the Council on substances that deplete the ozone layer
Regulation (EC) No 850/2004 and amendments of the European Parliament and of the Council on persistent organic pollutants

Component - Hazard Statements

Octanoic Acid, compound with 2 Aminoethanol

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Monoethanolamine

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

H332 - Harmful if inhaled.

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

(Ethylenedioxy)dimethanol

H227 - Combustible liquid.

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Hexanoic acid, 6, 6', 6''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, compound with 2-aminoethanol

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

1-Amino-2-propanol

H227 - Combustible liquid.

H314 - Causes severe skin burns and eye damage.

Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis

H302 - Harmful if swallowed.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H402 - Harmful to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

3-iodo-2-propynyl butylcarbamate

H302 - Harmful if swallowed.

H316 - Causes mild skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H331 - Toxic if inhaled.

H372 - Causes damage to organs through prolonged or repeated exposure.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Emergency phone numbers for other regions

Asia Pacific

China (PRC): +86(0)25 8547 7110 (Jiangsu registration center) / +86(0)532 8388 9090 (NRCC)

India: 000 800 100 7479 (toll free) or +65 3158 1198 (Carechem 24)

Indonesia: 007 803 011 0293 (Carechem 24)

Japan: +81 345 789 341 (Carechem 24)

Korea: +82 2 3479 8401 (Carechem 24)

Malaysia: +60 3 6207 4347 (Carechem 24)

New Zealand: +64 0800 803 002 (Allnex New Zealand)

Philippines: +63 2 231 2149 (Carechem 24)

Taiwan: +886 2 8793 3212 (Carechem 24)

Vietnam: +84 8 4458 2388 (Carechem 24)

All Others: +65 3158 1074 (Carechem 24)

Europe

+44 (0) 1235 239 670 (Carechem 24)

Middle East, Africa

+44 (0) 1235 239 671 (Carechem 24)

Latin America

Brazil: +55-800-707-7022 (toll free) or +55-11-98149-0850 (Suatrans 24)

Chile: +56 2 2582 9336 (Carechem 24)

Mexico and all others: +52-555-004-8763 (Carechem 24)

Canada and USA

+1-866-928-0789 (toll free) or +1-215-207-0061 (Carechem 24 - Allnex29003-NCEC)

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