



SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL

Product: GP PINK

Date of Issue: JANUARY 2013

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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: Custom Chemicals International Pty Ltd
ADDRESS: 103-107 Potassium Street, Narangba, 4504 Queensland Australia
Trade Name: **GP PINK AMMONIATED CLEANSER**
TELEPHONE: +617 3204 8300 **FAX:** +617 3204 8311
AHEMERGENCY TELEPHONE: 13 1126 in Australia **ABN:** 73 050 537 674
Substance: Water-based **Product Use:** Detergent
Creation Date: JANUARY 2013 **Revision Date:** JANUARY 2018
Product Code: 0010038; 0050380[5L], 0050381[20L], 0050382[200L]

SECTION 2 – HAZARDS IDENTIFICATION

- This product is NOT **classified as HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **NOT classified as a Scheduled Poison** according to the SUSMP.
-

Approved NOHSC Classification

NOT HAZARDOUS

UN Number	None allocated	ADG Classification	None allocated
Shipping Name	None allocated	ADG Subsidiary Risk	None allocated
Hazchem Code	None allocated	Packing Group	None allocated
SUSMP Classification	None allocated		

EMERGENCY OVERVIEW

Colour	Opaque pink liquid	Odour	Pungent ammonia
Physical Description	Liquid	Viscosity	Viscous liquid
Major Health Hazards	None known		

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
Ammonia	7664-41-7	< 1% w/w	25 ppm (17 mg/m ³)	35 ppm (24 mg/m ³)
Ingredients determined to be non-hazardous	Various	10 - 30% w/w	not set	not set
Water	7732-18-5	> 60% w/w	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES



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Scheduled Poisons	Poisons Information Centres in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor) if required.
Inhalation	Remove person to fresh air-avoid exposure. Obtain medical attention if symptoms occur.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centres in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion

Hazards

Water based. Not combustible. However if involved in a fire will emit toxic fumes.

Extinguishing Media

Use an extinguishing media suitable for surrounding fires.

Fire Fighting

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.

Flash Point

None – does not support combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency

Procedures

No HAZCHEM code.

Occupational Release

Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water-courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.



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Storage

Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Limits**

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

Time-weighted Average (TWA): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Short Term Exposure Limit (STEL): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Biological Limit Value

None established for product.

Engineering Controls

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating mists of the product. Use only in a well-ventilated area. Ensure airflow, where this product is used, is directed away from the operators.

Personal Protective Equipment

This product is classified as hazardous (harmful) according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection

The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Skin Protection

Not required for typical cleaning applications using diluted solutions of the product. Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Protective Material Types

Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

Respirator

Not required for normal cleaning operations.

If the exposure limit is exceeded briefly, a full facepiece respirator with an organic vapour cartridge may be worn. For short elevated exposures, eg, spillages:- Appropriate ammonia vapour cartridge respirator as per the requirements of AS/NZS 1715 and AS/NZS 1716 (Respiratory protective devices). For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous liquid	Colour	Opaque pink
Odour	Pungent ammonia	Specific Gravity	1.04 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions	pH	10 – 11 neat
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available



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Evaporation Rate

Not available

Per Cent Volatile

Ca 75 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	May corrode mild steel, copper, aluminium and zinc fittings.
Incompatible Materials	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours on burning.
Hazardous Decomposition Products	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects	Mild irritant: eye, skin, inhalation and ingestion.
Target Organs	None known.

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion

short term exposure	Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.
long term exposure	No information available.

Skin contact

short term exposure	Mild irritant. Skin contact can cause redness, itching, irritation, if extended contact with concentrated product.
long term exposure	No known effects.

Eye contact

short term exposure	Eye contact may cause mild stinging, blurring, tearing.
long term exposure	No information available.

Inhalation

short term exposure	Inhalation of product, especially mists or aerosols can produce mucous membrane and respiratory irritation.
long term exposure	No information available.

Carcinogen Status

NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.

Medical conditions

aggravated by exposure No information available.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.

Ingredients

Ammonia	R-Phrases. R10, R23, R34, R50 (if > 10%)
Non hazardous ingredients to 100%	None allocated

AMMONIA 100%



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Irritation Data	Repeated exposure may cause damage to the tissues of the mucous membranes, upper respiratory tract, eyes and skin. Persons with pre-existing eye disorders or impaired respiratory function may be more susceptible to the effects of this material.
Toxicity Data	Oral LD50 (rat) : 350 mg/kg. Inhalation LC50 (rat) : 2000ppm/4hr. Inhalation Lowest Lethal Concentration (human) : 5000ppm/5min.
Local Effects	Irritant: inhalation, skin, eye.
Target Organs	In laboratory animals, the lung was the main target organ of a single exposure, whilst continuous or repeated exposure over a number of weeks produced damage principally to the lung, liver, kidney and heart. An increased evidence of lung infections has been noted in inhalation studies in animals.
Acute Toxicity	Toxic: ingestion, inhalation.
Mutagenic Data	No evidence of bacterial mutagenicity in the Ames test or in E Coli. Mutagenic activity in fruit flies evident only at doses killing 98% of the flies.
Reproductive Effects	No available information.

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity	None available for specific product.
Algae toxicity	None available for specific product.
Invertebrates toxicity	None available for specific product.
Toxicity to Bacteria	None available for specific product.
OECD Biological degradation	Individual components stated to be biodegradable.
General	Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal	To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septs, and grey water systems. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.
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SECTION 14 – TRANSPORT INFORMATION

UN Number	None allocated	ADG Classification	None allocated
Shipping Name	None allocated	ADG Subsidiary Risk	None allocated
Hazchem Code	None allocated	Packing Group	None allocated
Packaging Method	None allocated	Special Provisions	None allocated
Segregation	None allocated		

SECTION 15 – REGULATORY INFORMATION

AICS	All ingredients present on AICS.
Labeling Details	
HAZARD	Not hazardous
RISK PHRASES	None allocated
SAFETY PHRASES	None allocated



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SUSMP
ADG Code

None allocated
None allocated

SECTION 16 – OTHER INFORMATION

Acronyms

SUSMP

Standard for the Uniform Scheduling of Medicines and Poisons.

ADG Code

Australian Code for the Transport of Dangerous Goods by Road and Rail.

CAS Number

Chemical Abstracts Service Registry Number.

UN Number

United Nations Number.

R-Phrases

Risk Phrases.

HAZCHEM

An emergency action code of numbers and letters which gives information to emergency services.

NOHSC

National Occupational Health and Safety Commission.

NTP

National Toxicology Program (USA).

IARC

International Agency for Research on Cancer.

AICS

Australian Inventory of Chemical Substances.

TWA

Time Weighted Average

STEL

Short Term Exposure Limit

Literature References

List of Designated Hazardous Substances [NOHSC:10005(1999)]
Australian Code For The Transport Of Dangerous Goods By Road And Rail – Seventh Edition.
Standard for the Uniform Scheduling of Medicines and Poisons 2011.
National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
Material Safety Data Sheets – individual raw materials – Suppliers.
HSIS – Hazardous Substance Information System – National Worksafe Data Base.
New Issue to standard: 2nd Edition [NOHSC:2011(2003)].

Revision Information

Note

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point

Regulatory Affairs Manager. **Telephone** (07) 3204 8300

Issue Date

JANUARY 2013 **Supersedes Issue Date** JANUARY 2008

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.