

SOUR SOFT

Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: SOUR SOFT

Synonyms

Laundry Liquid Sour

Product Code

707

Recommended use: For the control of stains in commercial and on-premises laundry machines.

Supplier Name CLEAN PLUS CHEMICALS PTY LTD

Address 16 George Young Street AUBURN NSW 2144

Telephone 02 9738 7444

Emergency 1800 201 700

Email customerservice@cleanplus.com.au

Web Site www.cleanplus.com.au

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2. HAZARDS IDENTIFICATION

Hazardous according to the criteria of GHS and Safe Work Australia.



Signal Word

Warning

Hazard Classifications

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Irritation - Category 2

Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Prevention Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands, face and all exposed skin thoroughly after handling.

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P362 Take off contaminated clothing and wash before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement

Not allocated

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

SOUR SOFT

Safety Data Sheet



3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Phosphoric acid	7664-38-2	10 - 20 %
Esterquaternary ammonium salt	91995-81-2	1 – 10 %
Ingredients determined to be non-hazardous		Balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: Hold eyelids apart and immediately irrigate with copious quantities of water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Urgently seek medical assistance.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. Seek medical advice.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops,

SOUR SOFT

Safety Data Sheet



sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of dust, vapour, mist or aerosols. Wear protective gloves/protective clothing/eye protection/face protection. At work do not smoke, eat or drink when handling product.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks. Store in accordance with local and national regulations. Keep only in original packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Phosphoric acid 7664-38-2	-	1	-	3	-

As published by Safe Work Australia.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

Personal Protection Equipment: RUBBER BOOTS, OVERALLS, GLOVES, APRON, FACE SHIELD, MASKS.

MANUFACTURING, PACKAGING AND TRANSPORT: Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

RECOMMENDATIONS FOR CONSUMER USE: Wear safety glasses and gloves. Wash hands after use.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Base Units: Litres
Form: Opaque, thin liquid
Colour: White

SOUR SOFT

Safety Data Sheet



Odour:	Characteristic odour	
Solubility:		Soluble in water.
Specific Gravity (20 °C):		1.05 – 1.10
pH:		1.0 – 2.0
Viscosity:		N Av
Relative Vapour Density (air=1):		>1
Vapour Pressure (20 °C):		N Av
Flash Point (°C):		N App
Flammability Limits (%):		N App
Autoignition Temperature (°C):		N App
Melting Point/Range (°C):		N Av
Boiling Point/Range (°C):		Approx. 100
Decomposition Point (°C):		N Av
Total VOC (g/Litre):		N Av

(Typical values only - consult specification sheet) N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and use conditions.

Conditions to avoid: None known under normal storage and use conditions.

Incompatible materials: Reacts with oxidising agents and alkalis.

Hazardous decomposition products: Does not decompose under normal storage and use conditions

Hazardous reactions: Stable under normal storage and use conditions.

11. TOXICOLOGICAL INFORMATION

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:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract. (Phosphoric Acid, Esterquaternary ammonium salt)

Skin contact: Contact with skin will result in irritation. (Phosphoric Acid, Esterquaternary ammonium salt)

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. (Phosphoric Acid, Esterquaternary ammonium salt)

Eye contact: Causes serious eye irritation. (Phosphoric Acid, Esterquaternary ammonium salt)

Acute toxicity

Inhalation: May cause irritation.

Skin contact: Causes skin irritation. Skin contact will cause redness.

Ingestion: Inhalation may irritate the respiratory system.

Corrosion/Irritancy: Eye: this material has been classified as a Category 2 Hazard (reversible effects to eyes).

Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.

Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity (including via lactation): No information available.

Specific target organ toxicity (repeat exposure): No information available.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: No information available.

Long-term aquatic hazard: No information available.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

ADG, IMO/IMDG, ICAO/IATA

Not classified as Dangerous Goods by the criteria of ADG, IMO/IMDG, ICAO/IATA

15. REGULATORY INFORMATION

National Regulations: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safe Work Australia.

SOUR SOFT

Safety Data Sheet



Poison Schedule: A poison schedule number has not been allocated to this product using the criteria of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), established under the Therapeutic Goods Act (Commonwealth).

Classification: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by SafeWork Australia.

Inventory Listing: Australian Inventory of Industrial Chemicals. All components are listed on the inventory or are Exempt.

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person because of their reliance on the information contained in this SDS.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

ABBREVIATIONS:

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European Inventory of Existing Commercial Substances.

GHS – Globally Harmonized System

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m³ - Milligrams per cubic meter.

NOS - Not Otherwise Specified.

SOUR SOFT

Safety Data Sheet



NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

ACGIH - American Conference of Governmental Industrial Hygienists

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

ATE - Acute Toxicity Estimate

LC50 - Lethal Concentration, 50% / Median Lethal Concentration

LD50 - Lethal Dose, 50% / Median Lethal dose

STOT-RE - Specific target organ toxicity (repeated exposure)

STOT-SE - Specific target organ toxicity (single exposure)

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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.

Peak Limitation - a ceiling concentration that should not be exceeded over a measurement period, which should be as short as possible, but not exceeding 15 minutes.

End of Safety Data Sheet