SAFETY DATA SHEET

LAZER PLUS BATHROOM AND TOILET CLEANER

Infosafe No.: 5GEPX
ISSUED Date : 26/07/2021
ISSUED by: custom

1. IDENTIFICATION

GHS Product Identifier
LAZER PLUS BATHROOM AND TOILET CLEANER

Product Code
0010046

Company Name
CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

Address
103-107 Potassium Street Narangba
QLD AUSTRALIA

Telephone/Fax Number
Tel: 07 3204 8300
Fax: 07 3204 8311

Emergency phone number
13 1126 in Australia (AH)

Recommended use of the chemical and restrictions on use
Water based cleaner

Other Names

Name	Product Code
Complete Toilet System	

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Corrosive to Metals: Category 1
Eye Damage/Irritation: Category 1
Skin Corrosion/Irritation: Category 2

Signal Word (s)
DANGER

Hazard Statement (s)
May be corrosive to metals.
Causes skin irritation.
Causes serious eye damage.

Pictogram (s)
Corrosion

Precautionary statement – Prevention
Keep only in original container.
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Absorb spillage to prevent material damage.

Precautionary statement – Storage
Store in corrosive resistant/approved container with a resistant inner liner.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Orthophosphoric acid	7664- 38- 2	10- 30 %
Alcohols, C12- 15, ethoxylated	68131- 39- 5	<1 %
Oxirane, 2- methyl, polymer with oxirane, mono(2- propylheptyl) ether	166736- 08- 9	<1 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia		-

4. FIRST-AID MEASURES

Inhalation
If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

Skin
Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities
Eyewash, safety shower and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures
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.

Suitable Extinguishing Media
Use extinguishing media suitable for surrounding fires.

Hazards from Combustion Products
Non combustible material however if involved in a fire will emit toxic fumes.

Specific Hazards Arising From The Chemical
This product is non combustible.

Hazchem Code
2R

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal
Minor spills do not normally need any special clean up measures. In the event of a latrge spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination.
Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for dispoasl by an approved agent according to local regulations.
Residual deposits will remain slippery, wash down with excess water. If required, neutralise with sodium metabisulphite or sodium thiosulphate. If contamination of drains or sewers occurs advise local emergency services.

Clean-up Methods - Large Spillages
In the event of a large spill notify local environmental protection authority.

7. HANDLING AND STORAGE

Precautions for Safe 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.

Conditions for safe storage, including any incompatibilities
Store in a cool dry well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Orthophosphoric acid		TWA	1	mg/m3	
Orthophosphoric acid		STEL	3	mg/m3	

Appropriate Engineering Controls
This substance is hazardous and should be used with a local exhaust ventilation system, drawing mists and fumes away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of dust below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection
Not required for normal cleaning operations with adequate ventillation. Where high contaminant spray mist or vapour levels exist, the following additional equipment is required: For short, elevated exposures eg. spillages - Appropriate organic vapour cartridge respirator as per the requirements of AS/NZ 1715 & AS/NZ 1716.
For prolonged exposure and confined spaces - full face, air supplied or self contained breathing apparatus.

Eye Protection
Generally not required to handle properly diluted solutions of the product. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

Hand Protection
Wear gloves. Overalls, work boots & elbow length gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting etc.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Clear blue, viscous liquid
Odour	Camphor	**Freezing Point**	Approx 0°C
Boiling Point	100°C	**Solubility in Water**	Miscible in all proportions.
Specific Gravity	1.06 (25°C)	**pH**	1.0 - 2.0 (neat)
Vapour Pressure	Not available	**Flash Point**	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Avoid contact with heat or heat sources. Avoid contact with incompatible materials such as bases, non ferrous materials (eg. Aluminium, zinc or tin) and their alloys.

Incompatible materials
Non ferrous materials and their alloys, strong bases and strong oxiding and reducing agents. Sulphides, phosphides, cyanides, acetylides, fluorides and carbides.

Hazardous Decomposition Products
Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Attacks many reactive metals (aluminium.zinc/magnesium alloys) releasing highly flammable gas (hydrogen) which generates fire or explosion hazards.
In the presence of bases, exothermic reaction may occur.

Hazardous Polymerization
May be incompatible with acids.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

Acute Toxicity - Oral
For Phosphoric Acid
LD50(Rat): 1530 mg/kg

Acute Toxicity - Dermal
For Phosphoric Acid
LD50(rabbit): 270 mg/kg

Ingestion
This product contains Phosphoric acid and may cause burns to the mouth, throat & gastrointestinal tract. IN gestion of this product may burns to the mouth and throat, pain in the stomach, difficulty in breathing, nausea, vomiting, diarrhea and convulsions. It may cause gastric and esophogeal perforation.

Inhalation
No vapours or mist generally associated with the vapour form of this product. Aerosols of this product containing the ingredient phosphoric acid are irritating to the respiratory system. Breathing this material may be harmful. Symptoms may include severe irritation and burns to the nose, throat and respiratory tract, respiratory irritation and possible, harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.

Skin
Irritant to skin. May cause burns. Severity depends on the concentration and duration of exposure.

Eye
Mists may cause severe eye damage. When splashed in the eyes, concentrated solutions may cause severe burns, pain and eye damage.

Skin Sensitisation
Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Do not discharge to drains, sewers or waterways.

Persistence and degradability
Individual components stated to be biodegradable.

Mobility
Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

Environmental Protection
Prevent large amounts from entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information
This material is classified as a Class 8 Corrosive Substances Dangerous Goods
Class 8 Dangerous Goods are incompatible in a placard load with any of the following:
- Class 1: Explosives
- Division 4.3: Dangerous when wet Substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids

Class 7: Radioactive materials unless specifically exempted
and are incompatible with food and food packaging in any quantity.
Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong.

U.N. Number
1805

UN proper shipping name
PHOSPHORIC ACID, SOLUTION

Transport hazard class(es)
8

Packing Group
III

Hazchem Code
2R

IERG Number
37

15. REGULATORY INFORMATION

Regulatory information
Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule
N/A

16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS reviewed: July 2021, Supersedes: June 2016

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point
Regulatory Affairs Manager. Telephone (07) 3204 8300

Uses and Restrictions
Apply directly to surface to be cleaned either diluted or neat. When used neat in toilets it will clean and disinfect to a hospital grade standard. Dilute up to 20:1 for general cleaning and disinfecting.

Other Information
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS