



SAFETY DATA SHEET

Product Name: TruckWash 2000

Page: 1 of 7

This revision issued: May, 2024

Section 1 - Identification of The Material and Supplier

aiMix Chemicals Pty Ltd
52-54 Power St
St Marys, NSW 2760

Phone: 0432388640 (24 hours)

Email: qc@aimixchemicals.com.au

Chemical nature: Water solution of surfactants, solvents and other minor ingredients.

Trade Name: Truck Wash 2000

Product Use: Truck wash liquid.

Creation Date: July, 2005

This version issued: May 2024 and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

This product is classified as Hazardous according to the criteria of SWA GHS7 Australia.



Signal Word:

Warning

HAZARD CLASSIFICATIONS:

Acute Toxicity Dermal: Category 4

Acute Toxicity - Inhalation: Category 4

Acute Toxicity - Oral: Category 4

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 2

HAZARD STATEMENT:

AUH066: Repeated exposure may cause skin dryness or cracking.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H320: Causes eye irritation.

PREVENTION

P102: Keep out of reach of children.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P280: Wear protective gloves, protective clothing and eye or face protection.

P281: Use personal protective equipment as required.

SAFETY DATA SHEET

Issued by: aiMix Chemicals Pty Ltd

Phone: 0432388640 (24 hours)

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

RESPONSE

P301+P312+P330+P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352+P332+P313	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
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.
P370+P378:	Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: If no in-house recycle or reclaim resources are suitable for this product, contact a specialist waste disposal company (see Section 13 of this SDS).

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
2-Butoxyethanol	111-76-2	8	121	not set
Non hazardous detergents		10-20	not set	not set
Alkaline salts		5-10	not set	not set
Other non hazardous ingredients	-	to 100	not set	not set

Section 4 - First Aid Measures

Inhalation	If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Immediately obtain medical aid if cough or other symptoms appear.
Ingestion:	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
Skin:	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.
Eye Contact:	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
Other Information:	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once

SAFETY DATA SHEET

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Large Spill

In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Small Spill:

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Can be slippery on floors, especially when wet. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits

2-Butoxyethanol

TWA (mg/m³)

121

STEL (mg/m³)

not set

Personal Protective Equipment:



SAFETY DATA SHEET

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Protective Material Types: There is no specific recommendation for any particular protective material type.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being used.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Green, slightly viscous liquid.
Odour:	Mild odour.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Approximately 0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	No data.
Specific Gravity:	No data.
Water Solubility:	Completely soluble in water.
pH:	8.5 – 9.0 approx
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: None known.

Incompatibilities: No particular Incompatibilities.

Fire Decomposition: Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Toxicity: 2-butoxyethanol is a severe eye irritant. Results of skin irritation studies are conflicting; however, it is considered to be a mild to moderate skin irritant in test animals. Contact dermatitis has been reported in a few cases. It is well absorbed via the inhalational, oral and dermal routes. Absorption studies in various species, including humans, have shown that 2-butoxyethanol is rapidly absorbed through the skin, including absorption from aqueous solutions. The respiratory uptake in volunteers in inhalational studies was approximately 57-78% of the inspired amount. Human studies indicate that dermal absorption of vapour is approximately 20% of the total vapour uptake. Following absorption, it is widely distributed throughout the body. The ingestion of large quantities of 2-butoxyethanol may result in coma, metabolic acidosis, shock and respiratory distress.

The main effect observed in both acute and repeated dose animal toxicity studies is haematotoxicity, with the principal haemolytic agent being BAA the major metabolite. Effects other than haemolysis which have been observed in repeated dose studies include changes to the liver, kidney, spleen and thymus, with these effects considered secondary to haemolysis as they are seen at levels at or above haematotoxic doses.

SAFETY DATA SHEET

In fertility studies, minor changes in sperm concentration and the oestrous cycle were noted in a drinking water rat study. 2-butoxyethanol has tested negative in a wide variety of well conducted in vitro assays, including gene mutation, chromosomal aberration and DNA effect assays.

Acute Toxicity

- Ingestion:** Harmful if ingested. Ingestion of this product causes irritation of the mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract. Other symptoms include nausea, vomiting, and diarrhea. May cause systemic poisoning with symptoms paralleling those of inhalation.
- Inhalation:** Harmful by inhalation. Inhalation of the product vapours will cause irritation of the mucous membranes in the nose, throat and respiratory system. Other symptoms include coughing, and dyspnoea, headache, nausea, shortness of breath. High concentrations have a narcotic effect.
- Skin:** Harmful in contact with skin. Contact causes irritation, redness, itching and pain. Danger of skin absorptions - may be absorbed through the skin with possible systemic effects
- Respiratory** Not classified based on available information.

Sensitisation:

- Skin Sensitisation** Not classified based on available information.
- Germ cell** Not classified based on available information.
- Mutagenicity** 2-Butoxyethanol [111-76-2] is evaluated in the IARC Monographs (Vol. 88; in preparation) as Group 3: Not classifiable as to carcinogenicity to humans. Carcinogenicity 2-Butoxyethanol has been found to produce toxic effects in pregnant rats at about 200 ppm, with no apparent increase in congenital defects among the offspring. It did not cause testicular atrophy in males.

Reproductive Toxicity

- STOT-single** Not classified based on available information. exposure
- STOT-repeated** Not classified based on available information. exposure

Chronic Effects: No studies are available on the effects of long term exposure to 2-butoxyethanol in humans. Studies indicate that repeated exposure causes blood, liver and kidney disorders in animals. Death in acute studies was generally caused by narcosis or respiratory failure, with kidney failure seen as a secondary cause. The main toxic effect observed in acute and repeated-dose animal studies is haemolysis. The effect varies considerably between species, with rats and mice the most susceptible, rabbits less susceptible, and humans and guinea pigs least susceptible. In animals, the haemolytic effects are transient at low levels in repeated exposure studies.

ACUTE TOXICITY COMMENTS: Changes in the kidney, liver, spleen, and lung were found in animals exposed by ingestion, inhalation, and skin absorption. Deaths usually resulted from central nervous system depression, lung damage, and kidney injury.

EFFECTS OF BLOOD CELLS: Long-term exposure to 2-butoxyethanol can cause blood changes, including anemia, in rats. Both 2-butoxyethanol and its metabolite butoxyacetic acid can cause breakdown of red blood cells. Humans appear to be less sensitive to this effect than rats. C

Serious eye damage/irritation Specific symptoms in animal studies: Eye irritation test (rabbit): Irritation

Mutagenicity No evidence of mutagenic properties.

Skin Corrosion

/ Irritation: Specific symptoms in animal studies: Skin irritation test (rabbit): Slight irritation.

Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

SAFETY DATA SHEET

Section 13 - Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by some means. If neither of these options is suitable in-house, contact a specialist waste disposal company.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

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" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Section 15 - Regulatory Information

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) Basel Convention (Hazardous Waste) International Convention for the Prevention of Pollution from Ships (MARPOL)

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

he Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): Not Applicable.

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC)

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
SWA	Safe Work Australia, formerly ASCC and NOHSC
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

SAFETY DATA SHEET

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 MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA GHS7

SAFETY DATA SHEET