

SAFETY DATA SHEET

1. Product and Company Identification

Company Name: Sierra Aust Pty Ltd
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Product Name: **Voodoo Colour Changing Wheel Cleaner**
Product Code: 6624 200 lt
Intended Use: Automotive Wheel Cleaner / Degreaser
Chemical Nature: Mixture of detergents

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Irritation: Category 3
Serious Eye Damage/Irritation: Category 2B



GHS Signal Word: **Warning**
GHS Hazard Phrases: H302 Harmful if swallowed.
H315 Causes Skin irritation.
H318 Causes serious eye irritation

Precautionary Statements:

Prevention: P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and eye protection.

Response: P301+P312 IF SWALLOWED: Call POISONS INFORMATION CENTRE or a doctor if you feel unwell.
P330 Rinse mouth. P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Use moisturizing cream.
P332+P313 If skin irritation occurs: Get medical attention.
P362 Take off contaminated clothing and wash before use.
P305+P351+P388 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 attention.

Storage: Keep closed and away from children. Keep away from heat or flame.

3. Composition / Information on Ingredients

Substance / Mixture: Mixture
Product Description: Cleaner / Degreaser

Chemical Name	Cas Number	% In Product
Sodium Mercaptoacetate	367-51-1	10-15%
Alcohols C12-C14 Ethoxylated	68891-38-3	<2%
2-Butoxyethanol	111-76-2	<1%
Other ingredients not classified as hazardous		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if applicable are listed in section 8.

4. First aid Measures

General information Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway.

Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Skin contact It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

4.1. Most important symptoms and effects, both acute and delayed

General information See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause sensitisation or allergic reactions in sensitive individuals. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.

Eye contact May cause temporary eye irritation.

4.2. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.

5. Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemical

Unsuitable Extinguishing Media: None known.

Specific Hazards arising from the Chemical: This product is not a combustible liquid.

Hazardous thermal decomposition products

Flash Point: Does not burn

Upper Flammability Limit: Does not burn

Lower Flammability Limit: Does not burn

Special protective actions for fire fighters: If there is a fire, promptly isolate the scene by removing all persons from the vicinity of the incident

Special protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous decomposition: Oxides of carbon or traces of hydrocarbons may be formed in small amounts

Special Fire Fighting Procedures: Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus.

Unusual Fire/Explosion Hazards: Not listed.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No smoking or flares in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel"

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark proof tools and explosion proof equipment. Dispose via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g. sand, earth, vermiculite or Diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark proof tools and explosion proof equipment. Dispose via a licensed waste contractor. Contaminated absorbent material may pose the same hazard.

Use gloves, goggles, Boots and Breathing Mask. Small amounts do not need special measures. Clean up with water.

For large spills, remove all sources of ignition. Ventilate area. Absorb with an inert absorbent material. Avoid runoff into drains and sewers. All used and unused product should be disposed of in accordance with local, state and federal regulations.

7. Handling and Storage

Precautions for safe handling: Put on appropriate protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container. Wash thoroughly after use.

Conditions for safe storage: Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10) and food and drink. Do not store in unlabelled containers. Do not weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

8. Exposure Controls and Personal Protection

Control Parameters

Occupational exposure limits

Ingredient Name	CAS#	TWA (mg/m ³)	STEL (mg/m ³)
2-Butoxyethanol	111-76-2	123	246
Sodium Mercaptoacetate	367-51-1	not set	not set

2-Butoxyethanol

DNEL

Industry - Dermal; Short term : 89 mg/kg/day
 Industry - Inhalation; Short term : 246 mg/m³
 Industry - Dermal; Long term : 75 mg/kg/day
 Industry - Inhalation; Long term : 98 mg/m³
 Consumer - Dermal; Short term : 44.5 mg/kg/day
 Consumer - Inhalation; Short term : 123 mg/m³
 Consumer - Oral; Short term : 13.4 mg/kg/day
 Consumer - Dermal; Long term : 38 mg/kg/day
 Consumer - Inhalation; Long term :

49 mg/m³

PNEC

- Fresh water; 8.8 mg/l
- Marine water; 0.88 mg/l
- Sediment (Freshwater); 8.14 mg/kg
- Soil; 2.8 mg/kg
- STP; 463 mg/l

Individual Protection Measures

Hygiene Measures: Wash hands forearms and face thoroughly after handling chemical products.
 Eye/Face Protection: Wear chemical safety goggles and face shield
 Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use.
 Respiratory Protection: Use a properly fitted, air purifying or air fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

9. Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.07
Colour:	Colourless	Vapour Pressure:	n/a
Odour:	sweet	Volatiles:	n/a
pH:	7-7.5	Vapour Density:	n/a
Boiling Point:	100°C	Solubility:	100%
Flash Point:	n/a	Evaporation Rate:	<=Water

10. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
 Chemical Stability: The product is stable.
 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
 Conditions if Instability: When exposed to high temperatures colour may fade and bottles may panel.
 Conditions to Avoid:
 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Toxicological Information: No data available
2-Butoxyethanol
 Acute Toxicity Oral (LD50 1300mg/kg) Species – Rat ATE Oral (mg/kg) 1300
 Acute Toxicity Dermal (LD50 2270 mg/kg) Species – Rat ATE Dermal (mg/kg) 1100
 ATE Inhalation (vapours mg/ltr) 11
 Skin Sensitisation: Not sensitizing
 Genotoxicity: No evidence of mutagenic properties
 Reproductive Toxicity: Fertility: - NOAEL 720 mg/kg, , Mouse
 Developmental toxicity: - NOAEL: 100 mg/kg, , Rat

12. Ecological Information

Ecotoxicological Data

Product	Species	Test Results
Sodium Mercaptoacetate (CAS 367-51-1)		
Aquatic		
Acute		
Crustacea	EC50 Water flea (Daphnia Magna)	38mg/l, 48 hours
Fish	LC50 Leuciscus Idus	>880mg/l, 96 hours
Ecotoxicity:	Toxic to aquatic life	
Environmental Effects:	Toxic to aquatic organisms	
Aquatic Toxicity:	Toxic to aquatic organisms	
Persistence and Degradability:	Readily biodegradable	

13 Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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.

15. Regulatory Information

AICS: All of the significant ingredients in this product are compliant with NICNAS regulations.

16. Other Information

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

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.