

Material Safety Data Sheet

1. Product and Company Identification

Product Name: CD33 Naked Paint Stripper
Trade Name: CD33 Naked Paint Stripper
Use: Biodegradable pH neutral paint stripper
Revision Date: 09/03/2013
Company Name: Chemisys Australia Pty Ltd
 A.C.N. 096 578 013
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Hazardous according to the criteria of Safe Work Australia
Not classified as hazardous for transport (ADG7)
Classified as a Combustible Liquid C1, AS 1940-2004

2. Composition/Information on Ingredients

Ingredients considered hazardous according to the criteria of Safe Work Australia:

Chemical Name	CAS #	Proportion	EU Class
Benzyl alcohol	[100-51-6]	30 - 60%	Xn; R20/22

Ingredients determined not to be hazardous to 100%

3. Hazards Identification

Emergency overview

Irritating to eyes, respiratory system and skin.
 Harmful by inhalation and if swallowed

Potential short term health effects

Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

Eyes

Causes irritation.

Skin

Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.

Inhalation

May cause respiratory tract irritation

Ingestion

May cause stomach distress, nausea or vomiting.

Target organs

Blood. Eyes. Kidney. Liver. Respiratory system. Skin.

Chronic effects

Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms

May include redness, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

4. First Aid Measures

First aid procedures**Eye contact**

Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.

Skin contact

Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists. Remove and wash contaminated clothing before re-use.

Inhalation

If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.

Ingestion

Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

General advice

No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children

5. Fire-Fighting Measures

Flash Point

ASTM D93 c.a. 68 deg. C

Extinguisher Media

Dry chemical. Carbon dioxide. Foam. Water spray.

Unusual Fire and Explosion Hazards

None known

Special Protective Equipment

Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus.

Combustion Products

Toxic fumes may be evolved on burning or exposure to heat, that may include and are not limited to oxides of carbon.

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions

Do not discharge into lakes, streams, ponds or public waters.

Steps to be taken if material is released or spilled

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay or other non-reactive material and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

Container Disposal:

DO NOT reuse container. Dispose of safely.

7. Handling and Storage

Handling:

Avoid contact with skin, eyes and all other personal contact. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact. Wear protective clothing when risk of exposure occurs. Avoid inhalation of vapour or mist. Only use in a well-ventilated area. Do not smoke. Extinguish any flames.

Storage:

Store in a cool, dry place out of reach of children. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from oxidising agents, and incompatible materials. Incompatible with unlined metal containers. Keep away from heat, open flames or other sources of ignition.

Other Precautions:

Do not pressurise, cut, weld, solder, drill, grind or expose containers to heat, flames, sparks or other potential sources of ignition.

Do not attempt to refill or clean containers since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. Exposure Controls/Personal Protection

Exposure Controls: In absence of standards for this product it is recommended that the time weighted average concentration TLV/TWA for this product be determined at 5 mg/m³ based on some raw materials. This defines the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit TLV/STEL for this product should be determined at 5mg/m³ for some raw materials, which is the maximum allowable exposure concentration at any time.

Biological Limit: No biological limit allocated

Ventilation Requirements:

Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation, if risk of overexposure occurs. Ventilate via

mechanical methods (general or local exhaust) to maintain exposure below 5mg/m³ as per exposure control limits.

Eye Protection:

Eye contact must be avoided. If accidental eye contact is possible then wear safety goggles or a face visor with side shields. Reference should be made to AS/NZS 1336/1337

Skin Protection:

Skin contact must be avoided and good personal hygiene practises observed. Protective clothing including impervious chemical nitrile gloves must be worn. Care must be taken while removing gloves and other skin protective equipment to avoid skin contact. Reference should be made to AS/NZS 2161 and AS/NZS 3765/2210

Respiratory Protection:

DO NOT breathe vapours. Never exceed exposure limits. If mist is generated during application process, an approved mist respirator with organic vapour filters must be used if ventilation requirements cannot be maintained. Reference should be made to AS/NZS 1715 and AS/NZS 1716 Use and Maintenance of Respiratory Protective Devices for individual circumstances.

Personal Hygiene:

Minimize breathing vapour or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean and dry before re-use. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water. DO NOT Smoke eat or drink while using or handling this product.

9. Physical and Chemical Properties

Appearance:	Off white gel/creme.
Odour:	Slight aromatic odour.
PH Range:	8.0 – 8.9
Specific Gravity:	1.02 gm/litre @ 20 degrees Celsius
Solubility in Water:	Miscible
Flash Point:	ASTM D93 c.a. 68 deg. C

10. Stability and Reactivity

Stability:	Products of this type are stable under recommended storage conditions and are unlikely to react in a hazardous manner under normal conditions.
Incompatibility:	Strong oxidising agents. Acids. Extreme heat
Hazardous Decomposition Products:	May include and are not limited to oxides of carbon.
Hazardous Polymerisation:	Benzyl alcohol contaminated with 1.4% hydrogen bromide and 1.2% of dissolved iron (II) polymerizes exothermally above 100 deg. C. Benzyl alcohol can extract and dissolve polystyrene plastic and may attack other plastics. Incompatible with aluminium, iron, steel

Conditions to avoid: Heat, open flames, static discharge, sparks and other ignition sources. Metal containers. Do not mix with other chemicals.

11. Toxicological Data

Component analysis Oral LD50 Benzyl Alcohol	LD50 1050 mg/kg rabbit
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Component analysis Dermal LD50 Benzyl Alcohol	LD50 2000 mg/kg rat
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Effects of acute exposure

Eye:	Causes irritation.
Skin:	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
Inhalation:	May cause respiratory tract irritation.
Ingestion:	May cause stomach distress, nausea or vomiting.
Sensitization:	Not available

12. Ecological Information

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Benzyl Alcohol [100-51-6]	Ecotoxicity in water (LC50): 770 mg/l 48 hours [Fish (Pimephales promelas (Fathead minnow))]. 480 mg/l 72 hours [Fish (Pimephales promelas (Fathead minnow))]. 460 mg/l 96 hours [Fish (Pimephales promelas (Fathead minnow))]. 10 ppm 96 hours [Fish (Lepomis macrochirus (Bluegill sunfish))]. 15 ppm 96 hours [Fish (Menidia beryllina (tidewater silverside fish))]
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Persistence / degradability	Expected to be readily biodegradable based on biodegradability of ingredients
Bioaccumulation / accumulation	Not available
Mobility in environmental media	Spillages may penetrate the soil however the product has negligible solubility in water so is unlikely to pose a significant long term risk to the environment.
Environmental effects	Not available
Partition coefficient	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

14. Transport Information

ADG 7 Classifications:

Classified as a Combustible Liquid C1, AS 1940-2004

ROAD/RAIL/SEA/AIR

UN Number:	N/A
Proper Name:	N/A
DG Class:	N/A
Subsidiary Risk:	N/A
Packaging Group:	N/A
HAZCHEM Code:	N/A
Special Provisions:	N/A
Packaging Method:	N/A

15. Regulatory Information

Australian Classifications:

Labelling:

R36/37/38	Irritating to eyes, respiratory system and skin
R20/22	Harmful by inhalation and if swallowed
S2	Keep out of the reach of children
S23	Do not breathe vapour
S24/25	Avoid contact with skin and eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28	Wash hands and skin thoroughly after handling
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S61	Avoid release to the environment
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show container or label

16. Other Information

References:

Supplier MSDS
<http://hsis.ascc.gov.au/>
 RTECS

Compiled by:

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This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Chemisys Group shall not be responsible for any damage or injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.