

Product Name **DIVERCLEAN C3**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name **DIVERSEY AUSTRALIA PTY. LIMITED**
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Synonym(s) HH10805 DIVERCLEAN C3 15L • HH13600 DIVERCLEAN C3 3X5L • HH13721 DIVERCLEAN C3 200L
Use(s) ALL PURPOSE CLEANER • CLEANING AGENT
SDS date 13 January 2015

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**Risk Phrases**

None allocated

Safety Phrases

None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

| | | | |
|----------------------|----------------|-------------------------------|----------------|
| UN Number | None Allocated | Transport Hazard Class | None Allocated |
| Packing Group | None Allocated | Hazchem Code | None Allocated |

3. COMPOSITION/ INFORMATION ON INGREDIENTS

| Ingredient | CAS Number | EC Number | Content |
|---------------------------------|-------------------|------------------|----------------|
| ETHYLENE GLYCOL MONOBUTYL ETHER | 111-76-2 | 203-905-0 | <6% |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | >60% |

4. FIRST AID MEASURES

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

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

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| | |
|---------------------------|---|
| Flammability | Non flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. |
| Fire and explosion | Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas. |
| Extinguishing | Use an extinguishing agent suitable for the surrounding fire. |
| Hazchem code | None Allocated |

6. ACCIDENTAL RELEASE MEASURES

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|----------------------------------|---|
| Personal precautions | Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate. |
| Environmental precautions | Prevent product from entering drains and waterways. |
| Methods of cleaning up | Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. |
| References | See Sections 8 and 13 for exposure controls and disposal. |

7. STORAGE AND HANDLING

| | |
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| Storage | Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate fire protection systems. |
| Handling | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards

| Ingredient | Reference | TWA | | STEL | |
|------------------------|-----------|-----|-------------------|------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| 2-Butoxyethanol (EGBE) | SWA (AUS) | 20 | 96.9 | 50 | 242 |

Biological limits

| Ingredient | Determinant | Sampling Time | BEI |
|---------------------------------|--|---------------|---------------------|
| ETHYLENE GLYCOL MONOBUTYL ETHER | Butoxyacetic acid (BAA) in urine (with hydrolysis) | End of shift | 200 mg/g creatinine |

Reference: ACGIH Biological Exposure Indices

| | |
|-----------------------------|--|
| Engineering controls | Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard. |
|-----------------------------|--|

PPE

| | |
|--------------------|---|
| Eye / Face | Wear splash-proof goggles. |
| Hands | Wear PVC or rubber gloves. |
| Body | Wear coveralls. |
| Respiratory | Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. |



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|----------------------|
| Appearance | CLEAR PINK LIQUID |
| Odour | SLIGHT SOLVENT ODOUR |
| Flammability | NON FLAMMABLE |
| Flash point | NOT RELEVANT |
| Boiling point | > 100°C |
| Melting point | < 0°C |
| Evaporation rate | AS FOR WATER |
| pH | > 12 |
| Vapour density | NOT AVAILABLE |
| Specific gravity | 1.050 - 1.070 |
| Solubility (water) | SOLUBLE |
| Vapour pressure | 18 mm Hg @ 20°C |
| Upper explosion limit | NOT RELEVANT |
| Lower explosion limit | NOT RELEVANT |
| Explosive properties | NOT AVAILABLE |
| Oxidising properties | NOT AVAILABLE |
| % Volatiles | > 60 % (Water) |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Chemical stability | Stable under recommended conditions of storage. |
| Conditions to avoid | Avoid contact with incompatible substances. |
| Material to avoid | Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources. |
| Hazardous Decomposition Products | May evolve carbon oxides and hydrocarbons when heated to decomposition. |
| Hazardous Reactions | Polymerization is not expected to occur. |

11. TOXICOLOGICAL INFORMATION

| | | |
|-----------------------|---|------------------------|
| Health Hazard Summary | This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Chronic exposure to some glycols may result in liver and kidney damage. | |
| Eye | Contact may result in irritation, lacrimation, pain and redness. May result in burns with prolonged contact. | |
| Inhalation | Over exposure to vapours may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, nausea and headache. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use. | |
| Skin | Contact may result in drying and defatting of the skin, rash and dermatitis. | |
| Ingestion | Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation. | |
| Toxicity data | ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) | |
| | LC50 (inhalation) | 700 ppm (mouse) |
| | LD50 (ingestion) | 300 mg/kg (rabbit) |
| | LD50 (skin) | 230 mg/kg (guinea pig) |
| | TCLo (inhalation) | 100 ppm (human) |
| | TDL0 (ingestion) | 7813 uL/kg (woman) |

12. ECOLOGICAL INFORMATION

| | |
|-------------------------------|--------------------------|
| Toxicity | No information provided. |
| Persistence and degradability | No information provided. |
| Bioaccumulative potential | No information provided. |
| Mobility in soil | No information provided. |
| Other adverse effects | No information provided. |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------|--|
| Waste disposal | For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if disposing of large quantities (if required). Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

| | LAND TRANSPORT (ADG) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|-------------------------------|---------------------------------|---------------------------------------|--|
| UN Number | None Allocated | None Allocated | None Allocated |
| Proper Shipping Name | None Allocated | None Allocated | None Allocated |
| Transport Hazard Class | None Allocated | None Allocated | None Allocated |
| Packing Group | None Allocated | None Allocated | None Allocated |

Environmental hazards No information provided

Special precautions for user

Hazchem code None Allocated

15. REGULATORY INFORMATION

| | |
|-----------------------------|---|
| Poison schedule | Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). |
| Inventory Listing(s) | AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt. |

16. OTHER INFORMATION**Additional information****PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this 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.

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 ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Product Name **DIVERCLEAN C3**

| | | |
|----------------------|-------------------|---|
| Abbreviations | ACGIH | American Conference of Governmental Industrial Hygienists |
| | CAS # | Chemical Abstract Service number - used to uniquely identify chemical compounds |
| | CNS | Central Nervous System |
| | EC No. | EC No - European Community Number |
| | GHS | Globally Harmonized System |
| | IARC | International Agency for Research on Cancer |
| | LC50 | Lethal Concentration, 50% / Median Lethal Concentration |
| | LD50 | Lethal Dose, 50% / Median Lethal Dose |
| | mg/m ³ | Milligrams per Cubic Metre |
| | OEL | Occupational Exposure Limit |
| | pH | relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline). |
| | ppm | Parts Per Million |
| | STEL | Short-Term Exposure Limit |
| | STOT-RE | Specific target organ toxicity (repeated exposure) |
| | STOT-SE | Specific target organ toxicity (single exposure) |
| | SUSMP | Standard for the Uniform Scheduling of Medicines and Poisons |
| | SWA | Safe Work Australia |
| | TLV | Threshold Limit Value |
| | TWA | Time Weighted Average |

Revision history

| Revision | Description |
|----------|----------------------|
| 1.1 | Standard SDS Review |
| 1.0 | Initial SDS creation |

Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT 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, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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End of SDS