

MATERIAL SAFETY DATA SHEET

This product is classified as a Hazardous Substance according to criteria of NOHSC Australia Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Rail and Air

1. IDENTIFICATION OF THE MATERIAL

| Product Name: |
|---------------|
| Other Names; |
| Product Code: |
| Supplier: |

Ink Remover Green Ink remover GSB Chemical Co. Pty. Ltd ACN 004 355113 84 Camp Road

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Major Uses and Methods of Application: Dried ink remover applied via cloth. Use direct from container

| | 2. COMPOSITION | | | |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Toluene Xylene Ethanol Petroleum Hydrocarbons | CAS No. 108-88-3 1330-20-7 64-17-5 64742-94-5 | PROPORTION 30 - 60 % w/w 30 - 60 %w/w 10 - 30 % w/w < 10 % w/w | | |
| | 3. HAZARDS IDENTIFIC | ATION | | |
| Risk Phrases: | Harmful, may cause lung damage if sy Harmful by inhalation Flammable Irritating to skin | vallowed | | |
| Poisons Schedule: | S5 | | | |
| | 4. FIRST AID MEASU | RES | | |
| For advice, contact a Poisons | s information Centre (Phone Australia 13 | 126, New Zealand 0 800 764766) | | |
| Swallowed: | If swallowed, DO NOT induce vomiting advice. | g. Give a glass of water and seek medical | | |
| Eye: | Flush with flowing water for at least 20 minutes, and if symptoms persist, seek medical attention. | | | |
| Skin: | Flush skin with flowing water, use soap if available. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard | | | |
| Inhalation: | | Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention | | |
| Advice to Doctor: | Treat symptomatically; gastric lavage should only be undertaken after endotracheal intubation. | | | |
| Product Name: Ink Remover | | | | |

5. FIRE FIGHTING MEASURES

| Specific Hazards: | Flammable liquid. Combustion products include oxides of carbon. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour / air mixtures may ignite explosively and flashback along the vapour trail may occur. |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media: | Use dry chemical (Carbon dioxide or dry chemical powder) |
| | 6. ACCIDENTAL RELEASE MEASURES Spilled liquid may make floors and surfaces slippery. Shut off all sources of ignition, contain spill and recover spilled liquid for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.) and residual washed off. Dispose absorbed and unrecoverable material to an approved site. Consult local authority. |
| Handling: | 7. HANDLING AND STORAGE Use in well ventilated area. Take precautionary measures against static discharges |
| | Avoid skin and eye contact and breathing in vapour |
| Storage: | Dangerous goods class 3, Store and Transport in accordance with the appropriate dangerous goods regulations. Do not store near strong oxidising agents. |
| | 8. EXPOSURE AND PERSONAL PROTECTION |
| | Not established for the mixture Worksafe Australia Exposure Standard [N0HSC:1003(1995)]: Individual components: Xylene – TWA 80ppm (350 mg/ m ³), STEL 150 ppm (665 mg/ m ³) Toluene -TWA 50ppm (191mg/ m ³), STEL 150ppm, (574 mg/ m ³),Sk Ethanol: TWA 1000 ppm (1,880 mg/ m ³) |
| TWA – Time-weighted average | e airborne concentration over an eight hour working day, for a five day working week ove |

TWA – Time-weighted average airborne concentration over an eight hour working day, for a five day working week over an entire working life.

STEL - short term exposure limit – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day

"Sk " Notice – absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such exposure occurs

Personal Protection:

| Eye protection: | Safety glasses, goggles or face shield as required |
|----------------------|------------------------------------------------------------------------------------------|
| Hand Protection: | PVC, neoprene or nitrile rubber gloves |
| Footwear: | Rubber boots |
| Respiratory Protecti | on: If airborne concentrations are likely to exceed the Exposure Standard, wear approved |
| | organic vapour respiratory protection (AS/NZS 1715 and 1716). In high vapour |
| | concentrations, wear an air-supplied hood |

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate

Engineering Controls:

Appearance:

Flash Point:

Boiling Range:

Vapour Pressure:

Specific Gravity:

Explosive Limits %:

% Volatiles by volume:

Solubility in water:

General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Green liquid. Characteristic odour. 75 - 196 °C Not available 0.84 7 °C 3.6 % v/v - 7 % v/v emulsifiable > 95%

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage. Carbon dioxide and carbon monoxide may form when heated to decomposition. Conditions to avoid: Reacts with strong oxidising agents

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this MSDS and product label. Symptoms or effects that may arise if the product is misused and overexposure occurs are:

| Swallowed: | | sness. If aspirated into lungs c | arge dose may cause drowsiness an cause serious lung |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Eye: | Moderate irritant | | |
| Skin: | Irritant. May cause dermatitis, liquid & vapour may be absorbed through the skin with subsequent toxic effects | | |
| Inhalation: | headache. Irritation of r | ay cause depression, dizziness nucous membranes and respir g. during vomiting) into the lung eumonitis | atory tract are |
| | 12. ECOLO | GICAL INFORMATION | |
| | | ded as harmful it is recommen orm drains, surface waters and | ded that care be taken to avoid d soil |
| | 1 | 3.DISPOSAL | |
| | at an approved waste dis | n in accordance with all Local, sposal facility PORT INFORMATION | State and Federal regulations |
| U.N. Number: D. G Class: Poisons Schedule: | 1993 3, flammable S5 | Hazchem Code: Packaging Group: | 3Y III |
| | | | |

| | 15. REGULATORY INFORMATION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk Phrase: | R 20 Harmful by inhalation R 38 Irritating to skin R 65 May cause lung damage if swallowed |
| Safety Phrase: | S23: Do not breathe the fumes S24: Avoid contact with skin S33 Take precautionary measures against static discharges S62: If swallowed, do not induce vomiting, seek medical advice and show this container or label |
| Hazard Category: | Xn Harmful |
| | 16. OTHER INFORMATION |
| Contact: | Technical Manager Telephone (03) 94571125 |

The information and recommendations in this publication are to the best of our knowledge accurate at the time of publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or process. Nothing herein is to be construed as warranty, expressed or implied. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular use.