

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

PRODUCT NAME: HYDRASET
REDUCER

SUPPLIER: PARAGON INKS AUSTRALIA
1/14 ABBOTT ROAD
SEVEN HILLS
NSW 2147

RECOMMENDED USES: SOLVENT REDUCER / RETARDER

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the Criteria of the Australian Safety & Compensation Council.

Xn Harmful

RISKS: R 22

Harmful if swallowed

SAFETY: S46

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label, where possible.

Avoid release to the environment.

Keep container tightly closed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: CLEAR LIQUID

Ingredients:

Chemical Name:	CAS No	Proportion
DIETHYLENE GLYCOL	111-46-6	100%

V High > 60%

Medium – Low 20 – 10%

High 40 – 60 %

Low 3 – 10%

Medium 20 – 40%

V Low < 3%

4. **FIRST AID MEASURES**

Inhalation:	Remove to fresh air. If breathing has stopped, administer artificial respiration. Give oxygen, keep warm and seek medical attention.
Skin Contact:	Wash with plenty of soap and water.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes.
Ingestion:	Wash out mouth with water. Do not induce vomiting. Seek medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. **FIRE FIGHTING MEASURES**

Specific Hazards:	Combustible liquid. May form flammable vapour mixtures with air. Avoid all ignition sources. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. .
Fire Fighting Further Advice:	Combustible liquid. Heating can cause expansion or decomposition leading to violent rupture of containers, clear containers from path of fire. Keep containers cool with water spray, Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Suitable Extinguishing Media:	Foam, carbon dioxide, and dry chemical powder.

6. **ACCIDENTAL RELEASE MEASURES**

Increase ventilation. Slippery when spilt. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination of vapours. Contain using sand or soil – prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

7. HANDLING AND STORAGE

Storage: Store in a cool place and out of direct sunlight. Store in well-ventilated area. Store away from oxidizing agents, strong acids and strong bases. Store away from sources of heat or ignition. Keep containers closed at all times – check regularly for leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use the local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal Protection: Avoid skin and eye contact and inhalation of vapours. Wear overalls, chemical goggles and imperious gloves. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS 1715 and AS 1716. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: CLEAR LIQUID

Specific Gravity: 1 – 1.2

FlashPoint: 138 C

Boiling Point: >95°C

Flammability Limit % N App

Melting Point: N App

Auto Ignition Temperature: 228 C

Vapour Pressure: NA

pH: N App

% Volatile: 100%

Evaporation Rate: NA

NA = Not Available

N App = Not Applicable

10. STABILITY AND REACTIVITY

Stability: (Y/N) YES

Conditions to Avoid: None known

Materials to Avoid: Oxidizing materials/strong acids

Slightly corrosive to aluminium and magnesium.

11. TOXICOLOGICAL INFORMATION:

Main symptoms: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Ingestion: Swallowing will result in irritation of the mouth and throat. Swallowing small quantities may result in headache, weakness, dizziness and nausea.

Eye Contact: Liquid can cause damage to the eye.

Skin Contact: Prolonged contact with skin can result in irritation.

Inhalation: Vapour is harmful to mucous membranes and respiratory tract.

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate or dump in accordance with Local State and Federal Law.

14. TRANSPORT INFORMATION

UN No. N App
Class: N App
Hazchem Code: C 1
Packing Group: N App

Proper Shipping Name: N App

15. OTHER INFORMATION

DISCLAIMER

This information is to the best of our knowledge accurate and is given in good faith but without warranty. However since conditions of use are beyond our control the users should determine whether the material is suitable for their particular purpose and that its use will be in accordance with applicable Federal, State and Local Laws and Regulations.