

Etching

Order code	Manufacturer code	Description
34-0778	n/a	UNIVERSAL SOLVENT (RE)
34-0780	n/a	UNIVERSAL SOLVENT 1L (RE)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

HEALTH & SAFETY DATA SHEET

Our Code: 34-0778 and 34-0780

Product Name: SN4010 Universal Solvent

1.1 Chemical Description: Propylenether

1.2 Appearance: Liquid

1.3 Colour: Clear

1.4 Odour: Etherlike

2. PHYSICAL AND SAFETY DATA

2.1 Change of Condition: n/a

2.2 Density: 0.919 at 25⁰C
Bulk Density:

2.3 Vapour Pressure: 16.6 at 25⁰C

2.4 Viscosity: 1.86 at 25⁰C cST

2.5 Solubility in Water: Miscible at 20⁰C

2.6 pH value: Neutral (100g/l H₂O)

2.7 Flamepoint: 38⁰C (AST m d 56-70)

2.8 Ignition Temperature: 290⁰C (DIN 517 755)

2.9 Explosion Limits: Lower: 1.9% Upper: 13.1% (Vol% in air)

2.10 Thermic Decomposition: n/a

2.11 Dangerous Reactions: n/a

2.12 Hazardous Decomposition: n/a

2.13 Further Information: n/a

3. TRANSPORT

UN NR: 1993 **RID/ADR NR:**

ICAO/IATA-DGR: **GGVE/GGVS:** 3.3

AD NR: **GGV-SEE/IMDG CODE:**

Other Information:

4. REGULATIONS

Symbol: Flammable
Contains:
R Sentences: 10
S Sentences: 24
Other:

5. PRECAUTIONARY MEASURES, STORAGE AND HANDLING

- 5.1 Storage:** Store container in a cool well ventilated area, away from unsupervised children, foodstuffs and spark sources.
- 5.2 Protective Equipment:** Eyes: Safety goggles
Throat: n/a
Hands: Chemical resistant gloves
- 5.3 Hygiene at Work:** Only use according to instructions. Avoid contact with skin and eyes. When working do not eat, drink or smoke. Remove contaminated clothing.
- 5.4 Fire and Explosion Protection:** Do not smoke. Keep away from sources of ignition.
- 5.5 Disposal:** By incineration.

6. FIRE AND ACCIDENT PROCEDURE

- 6.1 Spillage:** Collect by means of a suitable binding agent. Remove all possible sources of ignition. Avoid entry into earth or drainage system.
- 6.2 Extinguishing Media:** Water or alcohol resistant foam.
- Do not Use:** n/a
- 6.3 First Aid:-**
- Skin Contact:** Wash with ample water and soap thoroughly.
Eye Contact: Flush immediately with lots of water. Seek medical advice.
- If Swallowed:** Drink lots of water, do not induce vomiting. Seek medical advice.
- If Inhaled:** Seek fresh air immediately.
- 6.4 Further Information:**

7. INFORMATION REGARDING TOXICITY

LD50 Rat 6.6g/Kg

LD50 Rabbit 13-14g/Kg

Fish LC50>20.8g/l (96 Hrs) Pimephales promelas rafinesque.

8. ECOLOGICAL INFORMATION

Degradable.

9. FURTHER INFORMATION

The information and recommendations contained herein are believed to be accurate. However, no guarantee or warranty expressed or implied is given.