



Mansion Close
Moulton Park
Northampton, NN3 6RU
Emergency Contact No:
0800 8405505

Date of issue SDS: 14/06/2005
Review date SDS:
SDS Version: 1.1
MSDS Ref : 102

TPS IPA 100% (25 Ltrs)

1. Identification of the Substance/Preparation and of the Company/Undertaking

1.1 Identification of the substance or preparation

Trade Name : TPS IPA 100% (25 Ltrs)
Product Code : IPA10025L

1.2 Company identification

Name : TPS
Company Role : Distributor
Street : Mansion Close Moulton Park
City : Northampton
Country : England
Website : www.totalprintsupplies.co.uk

1.3 Emergency telephone number

Emergency Number : 0800 840 5505 (office hours only)

2. Hazards Identification

Main Hazards : Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

Other Hazards : In use, may form flammable/explosive vapour-air mixture

3. Composition/Information on Ingredients

Hazardous Ingredients : PROPAN-2-OL >90%



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4. First-Aid Measures

4.1 Symptoms

- Skin contact : There may be irritation and redness at the site of contact.
- Eye contact : There may be irritation and redness. The eyes may water profusely.
- Ingestion : There may be soreness and redness of the mouth and throat.
- Inhalation : There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4.2 Actions

- Skin contact : Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact : Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion : Wash out mouth with water. Consult a doctor.
- Inhalation : Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. Fire-Fighting Measures

- Extinguishing Media : Alcohol resistant foam. Water Spray. Carbon Dioxide. Dry chemical powder. Use water spray to cool containers.
- Exposure Hazards : Highly Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.



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Protection of fire-fighters : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal Precautions : Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental Precautions : Do not discharge into drains and rivers. Contain the spillage using bunding.

Clean-up Procedures : Absorb into dry earth or sand. Transfer to a closable, labelled container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. Handling and Storage

Handling Requirements : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage Conditions : Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. Exposure Controls / Personal Protection

Workplace exposure limits

WEL (8 hr exposure limit) : 999 mg/m³ (OES)
WEL (15 min exposure limit) : 1250 mg/m³ (OES)



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- Engineering Measures : Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
- Respiratory Measures : Self-contained breathing apparatus must be available in case of emergency.
- Hand Protection : Protective gloves.
- Eye Protection : Safety goggles. Ensure eye bath is to hand.
- Skin Protection : Protective clothing

9. Physical and Chemical Properties

- State : Liquid
- Colour : Colourless
- Odour : Alcoholic
- Evaporation rate : Fast
- Oxidising : Non-oxidising (by EC criteria)
- Solubility in water : Soluble
- Viscosity : Non-viscous
- Viscosity value : 3.06cSt
- Boiling point/range°C : 82
- Melting point/range°C : -88
- Flammability limits % : Lower 2.50
Upper 12.70
- Flash point°C : 12
- Autoflammability°C : 399
- Vapour pressure : 4.16kPa
- Relative density : 2.8
- VOC g/l : 4.16Kpa

10. Stability and Reactivity

- Stability : Stable under normal conditions. Stable at room temperature.



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- Conditions to avoid : Heat. Hot surfaces. Sources of ignition. Flames.
- Materials to avoid : Strong oxidising agents. Strong acids.
- Haz.decomp products : In combustion emits toxic fumes.

11. Toxicological Information

- Acute Toxicity : PROPAN-2-OL
IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 mg/kg
SCU MUS LDLO 6 gm/kg
- Routes of exposure : Refer to section 4 of SDS for routes of exposure and corresponding symptoms

12. Ecological Information

- Ecotoxicity : PROPAN-2-OL
ALGAE 48H EC50 1800 mg/l
FISH FATHEAD MINNOWS 96H LC50 9600 mg/l
- Mobility : Readily absorbed into soil.
- Persistence and degradability : Biodegradable.
- Bioaccumulative potential : No bioaccumulation potential.
- Other adverse effects : Negligible ecotoxicity.

13. Disposal Considerations

- Disposable Operations : Absorb in vermiculate or dry sand, dispose in licensed special waste. Confirm disposal procedures with the environmental engineer and local regulations. Incinerate in accordance with local regulations.
- NB : The user's attention is drawn to the possible existence of

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regional or national regulations regarding disposal.

14. Transport Information

14.1 ADR / RID

UN No: 1219
Packing Group : 3 (B)
Shipping Name:
Labelling : 3

ADR Class: 3
Classification Code: F1
FLAMMABLE LIQUID, N.O.S.
Hazard ID No : 33



14.2 IMDG/IMO

UN No: 1219
Packing Group :II
Marine Pollutant:

Class: 3
EmS: F-E,S-E
Labelling : 3

14.3 IATA/ICAO

UN No: 1219
Packing Group : II
Labelling : 3

Class: 3
Packing instructions: 302 (P&CA); 303 (CAO)

15. Regulatory Information

Hazard Symbols: : Extremely flammable
Irritant.



Risk Phrases : R12. Extremely flammable
R36.Irritating to eyes.
R66.Vapours may cause drowsiness and dizziness.

TPS

TOTAL PRINT SUPPLIES



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Note : The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.