

**MATERIAL SAFETY DATA SHEET 054**  
**70% Isopropanol (IPA) WET WIPES**

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

PRODUCT NAME: PN304 Clini-Cleanse & PN305 Clini-Cleanse Plus, AS Tek, 70% IPA Wipes

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**COMPOSITION COMMENTS:** Non-woven wipes impregnated with an alcohol based solution for cleaning and disinfection. Note that the Safety Data relates to free fluid and that usually the fluid will be absorbed by the non-woven fabric.

**NOTABLE INGREDIENTS**

PROPAN-2-OL >60%

CAS No: 67-63-0

EINECS:200-661-7

[F] R11 [Xi] R36 [-] R67

PN305 also contains Chlorhexydene gluconate <1%

**3. HAZARDS IDENTIFICATION**

**MAIN HAZARDS:** Fluid is highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

**OTHER HAZARDS:** In use, fluid may form flammable / explosive vapour-air mixture.

**4. FIRST AID MEASURES**

**INHALATION**

Nausea and stomach pain may occur. There may be vomiting. Drowsiness or mental confusion may occur. There may be loss of consciousness. Remove casualty from exposure, ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

**INGESTION**

Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Do not induce vomiting. If conscious, give one pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**SKIN CONTACT** There may be irritation and redness at the site of contact. Remove all contaminated clothes and footwear immediately unless stuck to the skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

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#### EYE CONTACT

There may be irritation and redness. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

### **5. FIRE FIGHTING MEASURES**

#### EXTINGUISHING MEDIA

Carbon dioxide.

#### EXPOSURE HAZARDS

Highly flammable. In combustion emits toxic fumes. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.

#### PROTECTION OF FIRE-FIGHTERS

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### **6. ACCIDENTAL RELEASE MEASURES** (free liquid)

#### PERSONAL PRECAUTIONS

Eliminate all sources of ignition. 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.

#### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains or rivers. Contain the spillage using bunding.

#### SPILL CLEANUP METHODS

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water. Do not use equipment in clean-up procedure that may produce sparks.

### **7. HANDLING AND STORAGE**

#### HANDLING REQUIREMENTS

Ensure there is sufficient ventilation of the area. Avoid direct contact with the fluid.

#### STORAGE CONDITIONS

Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

#### SUITABLE PACKAGING

Must be kept in original packaging..

### **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION INGREDIENTS**

#### PROPAN-2-OL

TWA (8 hr exposure limit): 999mg/m<sup>3</sup> STEL (15 min exposure limit):

1250 mg/m<sup>3</sup>

ENGINEERING MEASURES Ensure there is sufficient ventilation of the area.

RESPIRATORY PROTECTION Self-contained breathing apparatus must be available in case of emergency.

HAND PROTECTION Protective gloves required.

EYE PROTECTION Safety goggles are recommended.

SKIN PROTECTION Provide clothing with elasticated cuffs and closed neck. Boots made from PVC.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE Clear liquid on non-woven fabric.

COLOUR Colourless liquid.

ODOUR / TASTE Alcoholic

OXIDISING Non-oxidising (by EC criteria)

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VISCOSITY Non-viscous

VISCOSITY TEST METHOD Flow time in seconds in a 3mm ISO cup (ISO 2431)

DENSITY, FLASH POINT oC 11.6

#### **10. STABILITY AND REACTIVITY**

STABILITY Stable under normal conditions.

CONDITIONS TO AVOID Sources of ignition.

MATERIALS TO AVOID Oxidising agents.

#### **11. TOXICOLOGICAL INFORMATION**

INGREDIENTS PROPAN-2-OL . ORAL RAT LD50 5045 mg/kg

#### **12. ECOLOGICAL INFORMATION**

DEGRADABILITY: Product is inherently biodegradable.

#### **13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

Dispose of in accordance with Local Authority requirements. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### **14. TRANSPORT INFORMATION**

GENERAL

None stated by supplier.

#### **15. REGULATORY INFORMATION**

LABEL FOR SUPPLY HIGHLY FLAMMABLE

IRRITANT

**RISK PHRASES** R11: Highly Flammable

R36: Irritating to eyes

R67: Vapours may cause drowsiness and dizziness

**SAFETY PHRASES** S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No Smoking

S23: Do not breathe vapour

S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S33: Take precautionary measures against static discharges.

36/37/38: Wear suitable protective clothing, gloves and eye/face protection.

**NOTE:** The regulatory information given above only indicates the principal 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**

USER NOTES INFORMATION CONTAINED HEREIN DOES NOT CONSTITUTE THE USER'S OWN ASSESSMENT OF WORKPLACE RISK AS MAY BE REQUIRED BY OTHER HEALTH AND SAFETY LEGISLATION.

REVISION DATE Oct 2010

**LEGAL DISCLAIMER** 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.

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