

# HALL'S



PAINTS

CHEMICALS

ADHESIVES

T5 AIR FILTER AND CHAIN CLEANER

MATERIAL SAFETY DATA SHEET



**IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name:  
 Recommended Use:  
 Company:  
 Address:  
 Telephone Number:  
 Emergency Telephone:

**T5 Air Filter and Chain Cleaner**  
 Cleaning Air Filters and Chain  
 HALL'S ADHESIVES & CHEMICALS  
 160 VICTORIA ROAD, PIETERMARITZBURG. KZN  
 033 3458376  
 033 3458376

**HAZARDOUS IDENTIFICATION**

Hazardous Classification:  
 Risk Phrase(s):

Hazardous substance according to the criteria of SUSMP  
 R11 – Highly flammable  
 R20 – Harmful by inhalation  
 R36/37 – Irritating to eyes and respiratory system

Safety Phrase(s):

S2 – Keep out of reach of children  
 S9 – Keep container in a well-ventilated place  
 S16 – Keep away from sources of ignition  
 S25 – Avoid contact with eyes  
 S33 – Take precautionary measures against static discharges

**COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients:**  
 Hydrocarbon  
 Nonionic Surfactants

< 50%  
 < 3%

**FIRST AID MEASURES**

Inhalation:  
 Ingestion:  
 Skin:  
 Eye:  
 First Aid Facilities:

Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical assistance.  
 If poisoning occurs, contact a Doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water.  
 If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove contaminated clothing. Wash clothing before reuse.  
 If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.  
 Provide eye baths and safety showers close to areas where splashing May occur.

**FIRE FIGHTING MEASURES**

**Substantial Extinguishing Media:**  
**Protective Equipment for Fire Fighters:**

Use foam or dry agent extinguisher.  
 Wear chemical goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves.  
 Respiratory protection should be used if there is a risk of exposure to high vapour concentrations.

**Specific Hazards:**

This product is extremely flammable. Vapours are heavier than air and Will "travel" to low-level areas eg. Sumps, drains, etc. and flashback. Precautions should be taken to eliminate the build-up of explosive mixtures.

**Hazchem Code:**

3[Y]E

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**ISSUE DATE:** January 2014

## ACCIDENTAL RELEASE MEASURES

### Emergency Procedures:

Flammable liquid. Vapour may form explosive mixtures with air. Avoid heat and all ignition sources. Use only in well ventilated areas. Flameproof equipment is necessary in any area where product is being used. Product transfer and storage equipment must be earthed. Prevent build-up of flammable vapours. Handle in accordance with South African regulations for flammable liquids.

## HANDLING AND STORAGE

### Precautions for Safe Handling:

Wear chemical goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if it is inhaled. Respirators should comply with SABS standards.

### Conditions for Safe Storage:

Store in a cool well-ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labeled. Many plastics may be unsuitable as storage and handling materials. Store only in original or approved containers.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Keep away from sources of ignition. Take precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces.

### Respiratory Protection:

Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with SABS standards.

#### Eye Protection:

Wear chemical goggles or face shield.

#### Hand Protection:

Wear chemical resistant gloves.

#### Body Protection

Wear protective clothing as necessary to avoid skin contact.

## PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

Clear blue liquid

### Odour:

Solvent Odour

### Boiling Point:

80-110°C

### Solubility in Water:

Miscible with water

### Specific Gravity:

0.84g/mL

### Volatile Component:

100%

### Flash Point:

1

### Flammability:

**HIGHLY FLAMMABLE.** This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep the container tightly closed

## STABILITY AND REACTIVITY

### Chemical Stability:

Stable under normal use conditions

### Conditions to Avoid:

Heat, direct sunlight, open flames or other sources of ignition and Incompatibles.

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**TOXICOLOGICAL INFORMATION**

**Inhalation:**

Avoid breathing vapour or spray mist. Vapour concentrations are irritating to nose and throat resulting in possible headaches, dizziness, and lack of coordination, nausea and possible loss of consciousness.

**Ingestion:**

Classified as flammable and harmful if ingested. Exposure to this product may result in nausea, dizziness and lack of consciousness. Vomiting may cause the product to be aspirated in the lungs possibly resulting in chemical pneumonitis.

**Skin:**

Avoid contact with skin. Exposure may cause the product to be absorbed into the skin promoting the potential for over-exposure.

**Eye:**

Avoid contact with eyes. Product may cause moderate to severe eye irritation and pronounced inflammation.

**Chronic Effects:**

Repeated or prolonged contact may cause irritant contact dermatitis.

**ECOLOGICAL INFORMATION**

**Ecotoxicity:**

A low potential to affect aquatic organisms.

A low potential to affect secondary waste treatment microbial metabolism.

A low potential to affect the growth of some plant seedlings.

**DISPOSAL CONSIDERATIONS**

**Waste Disposal:**

May be washed to drain with large quantities of water.  
 Recycle empty containers responsibly.

**TRANSPORT INFORMATION**

**Transport Information:**

Classed as Flammable. Handle in accordance of South African regulations for flammable liquids

**Proper Shipping Name:**

T5

**DG Class:**

3

**Hazchem Code:**

3[Y]E

**Packing Group:**

II

**REGULATORY INFORMATION**

**Poisons Schedule:**

S6

**National and or International**

**Regulatory Information:**

Classified as hazardous according to criteria of Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Packaging & Labelling:**

Supplied in an appropriately safe, sealed container.

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