

## TROVEX DIAMOND ISOPROPANOL CLEANER

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. PRODUCT IDENTIFIER

**Product name:** TROVEX DIAMOND ISOPROPANOL CLEANER

#### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers. Cleaning solvent

#### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Company name:** Trovex

Innova House

Rash's Green, Dereham

Norfolk, NR19 1JG

Tel: 01707 254 170

Fax: 01707 254 171

sales@trovex.com

#### 1.4. EMERGENCY TELEPHONE NUMBER

**Emergency Telephone:** NHS:111 Trovex: +44 01707 254 170 (Monday - Friday: 7.30am - 4.30pm)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**Classification under CHIP:** F: R11; Xi: R41; -: R67

**Classification under CLP:** STOT SE 3: H336; Eye Dam. 1: H318; Flam. Liq. 1: H224

**Most important adverse effects:** Highly flammable. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness.

#### 2.2. LABEL ELEMENTS

**Label elements under CLP:**

**Hazard statements:**

H224: Extremely flammable liquid and vapour.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS05: Corrosion

GHS07: Exclamation mark



**Precautionary statements:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P370+378: In case of fire: Use carbon dioxide for extinction.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P310: Immediately call a POISON CENTER or doctor.

P312: Call a POISON CENTER or doctor if you feel unwell.

**Label elements under CHIP:****Hazard symbols:**

Highly flammable.

Irritant.

**Risk phrases:**

R11: Highly flammable.

R41: Risk of serious damage to eyes.

R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:**

S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

S33: Take precautionary measures against static discharges.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye / face protection.

S60: This material and its container must be disposed of as hazardous waste.

**2.3. OTHER HAZARDS**

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This substance is not identified as a PBT substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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**3.1. MIXTURES****Hazardous ingredients:****PROPAN-1-OL**

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-746-9	71-23-8	F: R11; Xi: R41; -: R67	Flam. Liq. 2: H225; Eye Dam. 1: H318; STOT SE 3: H336	>90%

**SECTION 4: FIRST AID MEASURES**

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**4.1. DESCRIPTION OF FIRST AID MEASURES**

**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.

**4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

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**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.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

## SECTION 5: FIRE-FIGHTING MEASURES

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### 5.1. EXTINGUISHING MEDIA

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**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.

### 5.3. ADVICE FOR FIRE-FIGHTERS

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**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.

### 6.2. ENVIRONMENTAL PRECAUTIONS

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

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

### 6.4. REFERENCE TO OTHER SECTIONS

## SECTION 7: HANDLING AND STORAGE

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### 7.1. PRECAUTIONS FOR SAFE HANDLING

**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.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage conditions:** Store in 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.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. SPECIFIC END USE(S)

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**8.1. CONTROL PARAMETERS****Hazardous ingredients:****PROPAN-1-OL****Workplace exposure limits:****Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	500 mg/m <sup>3</sup>	625 mg/m <sup>3</sup>	-	-

**8.2. EXPOSURE CONTROLS**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Alcoholic

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Slightly soluble

**Viscosity:** Non-viscous

**Flash point°C:** 12      **Relative density:** 0.78

**9.2. OTHER INFORMATION**

**Other information:** Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

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**10.1. REACTIVITY****10.2. CHEMICAL STABILITY**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. POSSIBILITY OF HAZARDOUS REACTIONS****10.4. CONDITIONS TO AVOID**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**10.5. INCOMPATIBLE MATERIALS**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS**

**Haz. decomp. products:** In combustion emits toxic fumes.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1. INFORMATION ON TOXICOLOGICAL EFFECTS****Relevant effects for mixture:**

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated

**SYMPTOMS / ROUTES OF EXPOSURE**

**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.

**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1. TOXICITY**

**Ecotoxicity values:** Not applicable.

**12.2. PERSISTENCE AND DEGRADABILITY**

**Persistence and degradability:** Biodegradable.

**12.3. BIOACCUMULATIVE POTENTIAL**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. MOBILITY IN SOIL**

**Mobility:** Readily absorbed into soil.

**12.5. RESULTS OF PBT AND VPVB ASSESSMENT**

**PBT identification:** This substance is not identified as a PBT substance.

**12.6. OTHER ADVERSE EFFECTS**

**Other adverse effects:** Negligible ecotoxicity.

**SECTION 13: DISPOSAL CONSIDERATIONS**

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**13.1. WASTE TREATMENT METHODS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 08 04 09

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: TRANSPORT INFORMATION**

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**14.1. UN NUMBER**

**UN number:** UN1219

**14.2. UN PROPER SHIPPING NAME**

**Shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL)

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### 14.3. TRANSPORT HAZARD CLASS(ES)

Transport class: 3

### 14.4. PACKING GROUP

Packing group: II

### 14.5. ENVIRONMENTAL HAZARDS

Environmentally hazardous: No

Marine pollutant: No

### 14.6. SPECIAL PRECAUTIONS FOR USER

## SECTION 15: REGULATORY INFORMATION

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### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

### 15.2. CHEMICAL SAFETY ASSESSMENT

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## SECTION 16: OTHER INFORMATION

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**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

### Phrases used in s.2 and 3:

H224: Extremely flammable liquid and vapour.

H225: Highly flammable liquid and vapour.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

R11: Highly flammable.

R41: Risk of serious damage to eyes.

R67: Vapours may cause drowsiness and dizziness.

**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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