



SAFETY DATA SHEET

ACCORDING TO 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

TX SURFACE DISINFECTANT WIPES

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

Product Name: TX Multi Purpose Disinfectant WIPES
Product Identifier: HC98213 / W400
Supplier: Hugh Crane Cleaning Equipment Ltd
South Walsham Road, Acle
Norwich, NR13 3ES
Telephone: Tel 01493 750072 Fax 01493 751854
Emergency Telephone: For medical or environmental emergency only: NHS medical assistance 111
Emergency mobile (to manufacturer) 07725 204 194

Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

Identified Uses: Cleaning and disinfecting wipes for hard surfaces.
Uses advised against: For professional users only.

2. HAZARDS IDENTIFICATION

Classification Of The Substance Or Mixture

Regulation EC 1272/2008: Aquatic Chronic, Category 3 (H412)

Label Elements

Product Name: PAL TX Multi Purpose Disinfectant Wipes
Contains: Benzyl-C12-16-alkyldimethyl chlorides
C12-14-Alkyl[(ethylphenyl)methyl]dimethyl, chlorides
Didecyl dimethyl ammonium chloride
Hazard Pictograms: Not applicable.
Signal Words: Not applicable.
Hazard Statements: H412 Chronic aquatic toxicity.
Precautionary Statements: P273 Avoid release to the environment.
Supplemental Hazard Info (EU): Not applicable.
Other hazards: No other hazards known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Hazardous Components

EC Classification No, 1272/2008

| Ingredient(s) | EC No. | CAS No. | REACH No. | Classification (EC) 1272/2008 | Weight % |
|---|-----------|------------|------------------|--|----------|
| Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides | 270-352-2 | 68424-85-1 | - | Acute Tox 4: H302 Skin Corr 1B: H314 Aquatic Acute 1: H400 | <0.5% |
| Didecyl dimethyl ammonium chloride | 230-525-2 | 7173-51-5 | - | Acute Tox 3: H301 Skin Corr 1B: H314 Aquatic Acute 1: H400 | <0.5% |
| Quaternary ammonium compounds, C12-C16-alkyl [(ethylphenyl) methyl] dimethyl, chlorides | 287-090-7 | 85409-23-0 | - | Acute Tox 4: H302 Skin Corr 1B: H314 Aquatic Acute 1: H400 | <0.5% |
| Propan-2-ol | 200-61-7 | 67-63-0 | 01-2119457558-25 | Flam Liq 2: H225 Eye Irrit 2: H319 STOT SE 3: H335 | 0.2% |

For the full text of the H statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Description Of First Aid Measures

Inhalation: Obtain medical attention for symptoms of difficulty of breathing.
Skin contact: Rinse with plenty of water.
Eye contact: Rinse with plenty of water.
Ingestion: Rinse mouth. Get medical attention if symptoms occur.



Most Important Symptoms And Effects, Both Acute And Delayed

See section 11 for more detailed information on health effects and symptoms.

Indication Of Any Immediate Medical Attention And Special Treatment Needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media: In the event of fire, use specifically suitable extinguishing agents appropriate for the surrounding fire. Dry powder; water spray; foam.

Unsuitable extinguishing media: None known.

Special Hazards Arising From The Substance Or Mixture

Specific hazard during firefighting: Keep away from heat and source of ignition. Heating or fire can release toxic gas.

Hazardous combustion products: Decomposition products may include the following materials:

- Carbon oxides
- Nitrogen oxides
- Sulphur oxides
- Oxides of phosphorus.

Advice For Firefighters

Special Protective Eqpt for Firefighters: Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Eqpt & Emergency Procedures

Advice for Non-Emergency Personnel: Ensure clean-up is conducted by trained personnel. Refer to protective measures listed in sections 7 and 8.

Advice for Emergency Responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

Environmental precautions

Environmental precautions: Do not allow contact with soil, surface or ground water.

Methods and material for containment and cleaning up

Methods and material for containment and cleaning up: Eliminate all ignition sources if safe to do so. Stop any leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material and place in container for disposal according to local/regional/national regulations. (See Section 13)

Reference to other sections: For Emergency Contact Information See Section 1.
For Personal Protection see Section 8.
For Waste Treatment Information see Section 13.

7. HANDLING & STORAGE

Precautions For Safe Handling

Advice on Safe Handling: Wash hands thoroughly after use.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

Conditions For Safe Storage, Including Any Incompatibilities

Requirements for Storage Areas Keep container tightly closed, away from heat source and direct sunlight. Keep cool.

And Containers:

Storage Temperature: 0°C to 40°C

Specific end use(s): Wet wipe. Manual process for cleaning.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters

Occupational exposure limits

| CAS NO | Components | Value Type (Form of Exposure) | Control Parameters | Update | Basics |
|---------|-------------|-------------------------------|---------------------------------|------------|----------|
| 67-63-0 | Propan-2-ol | TWA | 4000 ppm 999 mg/mg ³ | 2005-04-06 | UKCOSSTD |

Exposure Controls

Appropriate Engineering Controls: Good ventilation should be sufficient to control worker-exposure to airborne contamination.

Personal Protective Equipment

Eye / face protection: No special protective equipment required.

Skin Protection: No special protective equipment required.



Respiratory protection: No special protective equipment required.
Thermal Hazard: No special protective equipment required.
Environmental exposure controls: Consider the provision of contamination around the storage vessels.

9. PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Wet non-woven wipe material.
Colour: White
Odour: Slight chemical odour.
Odour Threshold: No data available.
pH: 6.0 - 8.0
Melting/Freezing Point (°C): No data available.
Initial Boiling point/range (°C): No data available.
Flash point: >60°C (Abel closed cup method)
Evaporation Rate: No data available.
Flammability (solid/gas): No data available.
Upper/Lower Flammability Limit: No data available.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: No data available.
Solubility/ies: No data available.
Partition coefficient n-octanol/water: No data available.
Autoignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity: No data available.
Explosive properties: No data available.
Oxidising properties: No data available.
Other information: No data available.

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under normal conditions of use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.
Conditions to avoid: Extreme heat, flames and sparks.
Incompatible materials: Strong oxidising agents.
Hazardous decomposition products: Decomposition products may include the following materials: Carbon oxides; Nitrogen oxides; Sulphur oxides; Oxides of phosphorus.

11. TOXICOLOGICAL INFORMATION

Information On Toxicological Effects

Information on Likely Routes of Exposure: Skin and eye contact.

Acute toxicity

Ingestion: There is no data available for this product.
Inhalation: There is no data available for this product.
Skin Contact: There is no data available for this product.
Eye Contact: There is no data available for this product.
Skin Corrosion/Irritation: There is no data available for this product.
Serious Eye Damage/Irritation: There is no data available for this product.
Respiratory or Skin Sensitisation: There is no data available for this product.
Germ Cell Mutagenicity: There is no data available for this product.
Carcinogenicity: There is no data available for this product.
Reproductive Toxicity: There is no data available for this product.
STOT – Single Exposure: There is no data available for this product.
STOT – Repeated Exposure: There is no data available for this product.
Aspiration Hazard: There is no data available for this product.

12. ECOLOGICAL INFORMATION

Toxicity: Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence & Degradability: No data available.
Bioaccumulative Potential: No data available.



Mobility In Soil: No data available.
Results of PBT and vPvB assessment: This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Do not flush into surface water or sanitary sewer system. Discharge into the environment must be avoided.

Additional Information: None known.

14. TRANSPORT INFORMATION

This product is not classified as dangerous goods for transport in regards to the transport regulations.

| | Land Transport ADR/ADN/RID | Sea Transport IMDG/IMO | Air Transport IATA |
|--|-------------------------------|---------------------------|-----------------------|
| UN Number | Not applicable | Not applicable | Not applicable |
| UN Proper Shipping Name | Not applicable | Not applicable | Not applicable |
| Transport Hazard Class(es) | Not applicable | Not applicable | Not applicable |
| Packaging Group | Not applicable | Not applicable | Not applicable |
| Environmental Hazards | Not applicable | Not applicable | Not applicable |
| Special Precautions for User | Not applicable | Not applicable | Not applicable |
| Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code | Not applicable | Not applicable | Not applicable |

15. REGULATORY INFORMATION

Safety, Health And Environmental Regulations/Legislation

Specific For The Substance Or Mixture: According to detergents regulation EC648/2004.
Less than 5% Cationic surfactants. Other constituents are: Disinfectant.
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council of the control of major accident hazards involving dangerous substances.

Chemical safety assessment: This product contains substances for which chemical safety assessment is still required.

16. OTHER INFORMATION

MSDS Revision Date: 6th February 2020.

Full text of the H-Statements

H225 Highly flammable.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.

Abbreviations and acronyms:

ADR European agreements concerning international carriage of goods by road.
IATA International Air Transport Association.
ICAO International Civil Aviation Organisation.
IMDG International Maritime Dangerous Goods
IMO International Marine Organisation
RID Regulations concerning international carriage of dangerous goods by rail.

Training Advice: Professional use product. Training will be required by the product provider.

Disclaimer: This data sheet was compiled using external data from our suppliers and independent laboratories. This safety data sheet contains all the necessary information to conduct a COSHH assessment. This document in its own right does NOT constitute the users own assessment of workplace risk, as required by Health and Safety legislation.
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End of Safety Data Sheet.