

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Information: Panodyne Alcohol wet wipes
Manufacturer: Multibrands International Ltd
Address: Royds Hall, Royds Hall Lane, Bradford, BD12 0EJ, England
Tel number: +44 (0) 1274 307310
Fax number: +44 (0) 1274 307966
Emergency Information: During Business Hours as above, otherwise dial local emergency services number

SUMMARY:

MSDS conforms to the requirements of regulation, evaluation, authorization and restriction of chemicals (REACH) (Regulation (EC) No. 453/2010) and classification, Labeling and packaging of substances and mixtures (Regulation (EC) No 1272/2008)

SECTION 2: Hazards identification

Hazard Classification:

Not a hazardous substance or mixture, as defined by the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard statement:

This product flammable.

Invasive Routes:

Inhalation, ingestion .

Environmental hazards:

This product is non-toxic and harmless, will not cause environmental pollution.

SECTION 3: Composition/information on ingredients

Chemical Name	CAS No.	In % By Weight
Water	7732-18-5	25-30%
Alcohol	64-17-5	70-75%

SECTION 4: First aid measures**Skin exposure:**

Normal use, no risk of such contact.

Eyes touch:

Lift eyelids and rinse with running water or normal saline.

Inhalation:

Quickly leave the scene to the fresh air.

Ingestion:

Drink plenty of warm water to induce vomiting. Go to a doctor.

SECTION 5: Firefighting measures**Dangerous characteristics:**

Flammable, its steam and air can form an explosive mixture, in the case of open fire, high heat cause combustion explosion. Chemical reaction or combustion in contact with an oxidizing agent. In a fire, heated containers can explode. Its steam is heavier than air and can spread to a considerable distance at a lower level.

Extinguishing method and extinguishing agent:

Anti - soluble foam, dry powder, carbon dioxide, sand.

Firefighting measures:

Remove containers from the fire as far as possible to open space. Spray water to keep the fire container cool until the fire is extinguished.

SECTION 6: Accidental release measures**Emergency treatment:**

Quickly evacuate personnel from the leaked contaminated area to a safe area and isolate them to strictly restrict access. Cut off the fire. It is recommended that emergency handlers wear self-contained positive-pressure respirators and antistatic work clothes. Cut off the source of the leak if possible. Prevent from flowing into restricted spaces such as sewers and flood drains. Small leaks: Adsorb or absorb with sand or other non-combustible materials. It can also be rinsed with a large amount of water and diluted into the waste water system. Large spills: build dikes or dig pits for containment. Cover with foam to reduce steam disaster. Use explosion-proof pump to transfer to tanker or special collector, recycle or transport to waste disposal place for disposal.

SECTION 7: Handling and storage**Operation Precautions:**

Closed operation, overall ventilation. Operators must be specially trained and strictly abide by the operating procedures. Operators are advised to wear filter gas masks (half-masks) and antistatic work clothes. Away from fire and heat sources, smoking is strictly prohibited in the workplace. Avoid contact with oxidants. Handle with care to avoid damage to packaging and containers. Equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment.

Storage Precautions:

Store in a cool, ventilated warehouse. Keep away from fire and heat sources. The storage temperature should not exceed 30 °C. Keep container tightly closed. It should be stored separately from oxidants, acids, alkali metals, amines and so on. Use explosion-proof lighting and ventilation facilities. Prohibit the use of spark-prone machinery and equipment. The storage area should be equipped with emergency response equipment and suitable containment materials.

SECTION 8: Exposure Controls/personal protection**Engineering controls:**

Airtight operation, local exhaust. Provide safe shower and eye wash equipment.

Eye protection:

No special protection is generally required.

Body protection:

No special protection is generally required.

Hand protection:

No special protection is generally required.

Breath protective:

Generally do not need special protection, high concentration contact can be worn filter gas mask (half mask).

Health control:

Smoking is strictly prohibited at work site.

SECTION 9: Chemical and Physical Properties

Appearance and traits	Wipes with clear liquid	Gas taste	Ethanol flavour
Density(g/cm ³)	0.82	Flash point (°C)	12
Boiling point (°C)	78.4	Saturated vapor pressure/kPa	No data
Critical temperature °C.	No data	The main purpose	Disinfection

SECTION 10: Stability and reactivity

Stability:

Very stable at room temperature, Under normal conditions of use does not occur dangerous reaction

Prohibited compounds:

Strong oxidants, acids, anhydride, alkali metals, amines.

Polymerization hazard:

no polymerization

Hazardous decomposition products:

no data available

SECTION 11: Toxicological information

Acute toxicity: No information

Metabolism: No information

Irritation: No information

Corrosivity: No information

Sensitisation: No information

Repeated dose toxicity: No information

SECTION 12: Ecological Information

Environmental assessment:

Proper use and disposal are not expected to have any adverse impact on the environment

Degradability:

Stable during normal operation conditions.

SECTION 13: Disposal considerations

Disposal measures:

Managed in accordance with approved local, state and federal requirements. Consult state environmental agency and/or federal EPA. Recover using as local rules or laws

Used material:

Waste can be recycled.

SECTION 14: Transport information

UN number	: UN3175
UN code	: Solids containing flammable liquid, n.o.s. (containing ethanol)
UN Hazard Class	: 4.1
Packing group	: II
Packing mark	:



Packaging Methods : No standard

Attentions for Transportation : The transportation vehicle should be equipped with the corresponding variety and quantity of fire fighting equipment during transportation. It is strictly forbidden to mix and transport with oxidants, acids, alkali metals, amines, and edible chemicals. During transportation, it should be protected from direct sunlight, rain and high temperature.

SECTION 15: Regulatory information

- **Dangerous Goods Regulation**
- **Recommendations on Transport of Dangerous Goods Model Regulations**
- **International Maritime Dangerous Goods**
- **Technical Instructions for the Safe Transport of Dangerous Goods**
- **Classification and code of dangerous goods**
- **Occupational Safety and Health Act (OSHA)**
- **Toxic Substances Control Act (CPSA)**
- **Federal Environmental Pollution Control Act (FEPCA)**
- **The Oil Pollution Act (OPA)**
- **Superfund Amendments and Reauthorization Act III(302/311/312/313) (SARA)**
- **Resource Conservation and Recovery Act (RCRA)**
- **Safety Drinking Water Act (CWA)**
- **California Proposition 65**
- **Code of Federal Regulations (CFR)**

In accordance with all Federal, State and local laws.

SECTION 16: Other information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.