MATERIAL SAFETY DATA SHEET

Hands Off Industrial Hand Towels

SECTION 1 - IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	**Hands Off Industrial Hand towels**
Other Names	5800
Recommended Use	To clean and degrease hands, tools and hard surfaces.
Supplier	Rezitech Services Pty Ltd.
A.B.N.	86 050 277 640
Address	1027 Mountain Highway Bayswater VIC 3153 Australia
Telephone Number	+61 (03) 9729 6511
Facsimile Number	+61 (03) 9720 9700
Emergency Telephone	Working Hours (03) 9729 6511 After Hours (03) 9729 6511 Poisons Information Centre Telephone 13 1126

SECTION 2 - HAZARDS IDENTIFICATION

NOT A HAZARDOUS SUBSTANCE

Risk Phrase(s)

Safety Phrase(s)

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Chemical Name	CAS Number	Proportion
Water	7732-18-5	to 100%
Non-woven cloth	-	10 - 60%
Ethanol	64-17-5	1 - 10%
Methyl Pyrrolidone	872-50-4	1 - <10%
Propylene Glycol	57-55-6	1 - 10%
Methanol	67-56-1	1 - <3%
Phosphate Ester	51609-41-7	1 - 3%
Alkyl Phenol Ethoxylate	9036-19-5	1 - 3%
Laureth-3	3055-94-5	1 - 3%
PEG-75 Lanolin	61790-81-6	1 - 3%
Polysorbate 20	9005-64-5	1 - 3%
Orange Oil	5989-27-5	< 1%
Lanolin	8006-54-0	< 1%
Tocopherol (Vitamin E)	10191-41-0	< 1%
Aloe Barbadensis (Aloe Vera Gel)	85507-69-3	< 1%
Sodium hydroxymethyl glycinate	70161-44-3	< 1%

These ingredients are listed on the Australian Inventory of Chemical Substances (AICS)

SECTION 4 – FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre.

Swallowed If a minor amount has been swallowed, then if conscious, dilute stomach contents by giving large amounts of Water. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious Person.

Eye Flush eye with water for a minimum of 15 minutes, keep moving the eyes to ensure complete flushing. Seek Medical attention promptly if irritation persists or loss of vision occurs.

Skin Wash contaminated skin with water. Seek medical attention if irritation persists.

Inhaled Check for and remove cloth if present in the airway. Remove promptly to fresh air. If there are signs of drunkenness (intoxication or inebriation) or if respiratory irritation, dizziness, nausea unconsciousness occurs, seek immediate medical attention. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops.

Notes to doctor None

SECTION 5 – FIRE FIGHTING MEASURES

Not Combustible

Suitable Extinguishing Media

Use water fog (or if unavailable, fine water spray), dry chemical, carbon dioxide or foam.

Hazards From Combustion Products

Burning can produce carbon monoxide and/or carbon dioxide.

Precautions For Firefighters and Special Protective Equipment

Use water to cool exposed containers. If safe to do so, remove containers from path of fire. For major fires or where atmosphere is Oxygen deficient or contains unacceptable levels of combustion products, firefighters must wear self-contained breathing apparatus with full-face mask and protective clothing. Prevent spillage from entering drains or water courses.

Hazchem Code Not Applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Pre-moistened cloth can be collected and disposed through normal waster removal processes.

Methods and Materials for Containment and Clean Up Procedures

Collected empty containers can be disposed of through local council waste removal services.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Protect against physical damage. Make certain the containers are well sealed when not in use.

Conditions for Safe Storage

Store in a cool, dry well ventilated location. Make certain the containers are well sealed when not in use.

Incompatibilities

Not to be stored with explosives, flammable gases in bulk, poisonous gasses, spontaneously combustible Substances, oxidizing agents, organic peroxides or radioactive substances.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards

Standard Name	CAS	TWA (ppm)	TWA (mg/m³)	STEL (ppm)	STEL (mg/m³)	Carcinogen
Ethyl Alcohol	64-17-5	1000	1880	-	-	-
Methyl Pyrrolidone	872-50-4	25	103	75	309	-
Methanol	67-56-1	200	266	250	328	-

Biological Limit Values

Not known. Prevent wipes from entering drains or water courses.

Engineering Controls

Under typical use wipes can be used without restriction.

Personal Protective Equipment

Under typical use wipes can be used without restriction.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Plastic container containing wet wipes
Odour	Characteristic odour
pH	4 - 9
Vapour Pressure	low
Vapour Density	Not Applicable
Boiling Point/Range	About 100 deg C
Melting Point	Not Applicable
Solubility	Completely soluble in water
Specific Gravity	About 1.0
Flash Point	>100 deg C tag closed cup
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable
Ignition Temperature	>200 deg C
Volatile Organic Content	~20% w/w
Percent Volatile	>90% w/w (solution only)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability Stable
Conditions to Avoid Release into sewers and water courses
Incompatible Materials Do not mix with detergents or other chemicals
Hazardous Decomposition Products Soot, Carbon Dioxide, Carbon Monoxide
Hazardous Reactions Will not polymerize

SECTION 11 TOXICOLOGICAL INFORMATION

Swallowed Minor quantities may cause minor throat irritation and vomiting. Large quantities may cause stomach pains, cramps, nausea and vomiting.

Eye The solution is irritating to the eyes. Direct eye contact with the product may cause eye irritation, including pain and redness.

Skin Brief exposure to liquid is not irritating but prolonged contact can be irritating.

Inhaled Mild irritation to the nose, throat and upper respiratory tract can occur with prolonged exposure. Wipe can block airway.

Acute Effects – Acute Toxicity
Not listed as carcinogen

Long Term Effects Chronic
Prolonged or repeated skin contact may result in dermatitis due to de-fatting. Wipes are safe to use for their intended application. The risk is no higher than any other heavy duty de-greaser.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity No specific data available.

Persistence and Degradability Degree of elimination >90% (Solution only)

Mobility No data is available on mobility in soil

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state and local requirements. Empty container and lid can be recycled as per local council waste recycling regulations. Product must not be disposed of to the sewerage system, drains or waterways.

SECTION 14 – TRANSPORT INFORMATION

UN number Not Applicable

Class Not Applicable

Subsidiary Risk Not Applicable

Packaging Group Not Applicable

Hazchem Code Not Applicable

Special Precautions

Not to be stored with explosives, flammable gases in bulk, poisonous gases, spontaneously combustible substances, oxidizing agents, organic peroxides or radioactive substances.

Note This product is NOT a Class 3 Dangerous Good

SECTION 15 – REGULATORY INFORMATION

Classification Not Hazardous according to criteria of NOHSC as formulated.

Poisons Schedule Not Scheduled

SECTION 16 – OTHER INFORMATION

Further information can be obtained from Rezitech Services Pty Ltd.

MSDS Revision Summary

Supersedes Issue Date:	None, first issue.
Reason for issue:	First issue.
Issue Date:	09/03/2007
Document Name:	MSDS Hands Off Industrial Hand towels

Literature and References

Australian Government - National Occupational Health and Safety Commission Web Site www.nohsc.gov.au

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]

National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

List of Designated Hazardous Substances [NOHSC:10005(1999)]

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition

Storage and Handling of Workplace Dangerous Goods [NOHSC:2017(2001)]

Risk and Safety Phrases
http://www.nohsc.gov.au/applications/hsis/risk_phrases.htm

Australian Government – Department of Transport and Regional Services Web Site http://www.dotars.gov.au/index.htm
http://www.dotars.gov.au/transreg/dgoods.htm
ADG Code based on the 'UN Recommendations on the Transport of Dangerous Goods - Model Regulations'

Australian Government – Attorney-General's Department
ROAD TRANSPORT REFORM (DANGEROUS GOODS) ACT 1995
http://scaleplus.law.gov.au/html/pasteact/2/1187/top.htm

NOHSC Online Hazardous Substances Information System http://www.nohsc.gov.au/applications/hsis/

Australian Standards AS 1940-1993 The storage and handling of flammable and combustible liquids

United Nations ADN 2005 (The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
http://www.unece.org/trans/danger/adnreg2005.html

United Nations ADR 2005 (The European Agreement concerning the International Carriage of Dangerous Goods by Road)
http://www.unece.org/trans/danger/publi/adr/adr_e.html

UN Recommendations on the Transport of Dangerous Goods. Model Regulations. Thirteenth revised edition.
http://www.unece.org/trans/danger/publi/unrec/rev13/13files_e.html

Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008(1995)] 3rd Edition (Updated for Amendments)
http://www.nohsc.gov.au/OHSInformation/NOHSCPublications/fulltext/docs/h3/34.htm

Australian Inventory of Chemical Substances
http://www.nicnas.gov.au/Industry/AICS/Search.asp

To the best knowledge of Rezitech Services Pty Ltd., this MSDS was correct at the time it was prepared (see above for the date). Rezitech Services Pty Ltd., as part of its Health and Safety Program, updates MSDSs when its ongoing review process indicates a need for a change to be made. You should make sure that the MSDS you are reading and relying on is current. You can do this by contacting Rezitech Services Pty Ltd. at the above address.

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