



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material name LPS® WorkPlace Hand Cleaner Towels
Recommended use A deep cleaning, non-abrasive hand cleaner towel designed for removing heavy dirt, oil and greases from hands.
Version # 01
CAS # Mixture
Part Number 09200
Supplier Name MRO Chem Pty Ltd
Address Level 19, 644 Chapel Street,
South Yarra, Vic 3141, Australia.
Tel: +61 (3)9823 6273
Website: <http://www.mrochem.com.au>
In Case of Emergency (Australia) +61 (4)3448 1129 (US) +1 703-527-3887
Manufacturer
Company name LPS Laboratories, a division of Illinois Tool Works, Inc.
Address 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)
Website <http://www.lpslabs.com>
E-mail sds@lpslabs.com

2. HAZARDS IDENTIFICATION

Classification R52/53
Risk phrase(s) R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrase(s) S1/2 Keep locked up and out of the reach of children.
S3/7 Keep container tightly closed in a cool place.
S15 Keep away from heat.
S20/21 When using do not eat, drink or smoke.
S23 Do not breathe gas/fumes/vapor/spray.
S25 Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent
Water	7732-18-5	> 60
Alcohols, C12-15, ethoxylated	68131-39-5	< 10
DIMETHYL GLUTARATE	1119-40-0	< 10
Distillates Petroleum Hydrotreated Light	64742-47-8	< 10
Other components below reportable levels		10 - < 30

4. FIRST AID MEASURES

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact If skin irritation or rash occurs: Get medical advice/attention.
Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation develops and persists.
Ingestion Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Notes to physician Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim under observation.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons	Do not use water jet as an extinguisher, as this will spread the fire.
Special protective equipment for fire-fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
HAZCHEM code	None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Keep unnecessary personnel away. For personal protection, see section 8 of the MSDS.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	This product is miscible in water. Large Spills: Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

7. HANDLING AND STORAGE

Handling	Use care in handling/storage.
Storage	Store in original tightly closed container. Store in accordance with local/regional/national/international regulation. Do not allow material to freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Recommended monitoring procedures	
Additional exposure data	No exposure standards allocated.
Engineering measures to reduce exposure	General ventilation normally adequate.
Personal protective equipment	
Respiratory protection	No personal respiratory protective equipment normally required. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hand protection	Not applicable.
Eye protection	Do not get in eyes. Eye wash fountain is recommended.
General	Use personal protective equipment as required.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid.
Physical state	Liquid.
Form	Liquid. Liquid saturated on wipe.
Color	Colorless
Odor	Orange
Odor threshold	Not available.
pH	6.6 - 7.6
Vapor pressure	Not available.
Vapor density	> 1
Boiling point	> 212 °F (> 100 °C)
Melting point/Freezing point	Not available.
Solubility (water)	Miscible
Specific gravity	1
Flash point	None
Flammability limits in air, upper, % by volume	Not available.

Flammability limits in air, lower, % by volume	Not available.
Auto-ignition temperature	Not available.
VOC	0 % per U.S. State and Federal Consumer Product Regulations

10. STABILITY AND REACTIVITY

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Excessive heat. Contact with incompatible materials.
Materials to avoid	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Sulfur dioxide. Hydrogen sulfide. Soot.
Hazardous polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Based on available data, the classification criteria are not met.
Routes of exposure	Eye contact. Skin contact. Inhalation.
Chronic toxicity	Prolonged or repeated contact may cause drying, cracking, or irritation.
Sensitization	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductivity	Based on available data, the classification criteria are not met.
Epidemiology	No epidemiological data is available for this product.
Local effects	May be irritating to eyes.
Symptoms and target organs	Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life with long lasting effects.
Persistence and degradability	Expected to biodegrade.
Mobility	This product is miscible in water.
Environmental effects	Harmful to aquatic organisms.
Aquatic toxicity	May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

ADG	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
HAZCHEM code	None
General	This material is not regulated by any mode of transportation.

15. REGULATORY INFORMATION

National regulations	This Material Safety Data Sheet was prepared in accordance with the Australia National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011.) No poison schedule number allocated.
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Australia HVIC: Listed substance

Alcohols, C12-15, ethoxylated (CAS 68131-39-5)	Listed.
Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)	Listed.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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