



SAFETY DATA SHEET

OVEN & RANGEHOOD MAGIC



Product Name: "OVEN & RANGEHOOD MAGIC"
Use: Cleaning solution for grill plates and ovens.

Distributor: Rubbedin Pty Ltd
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SECTION 2 – HAZARDS IDENTIFICATION

- This product is **classified as HAZARDOUS (IRRITANT)** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **NOT classified as a Scheduled Poison** according to the SUSMP.

Approved Work safe Classification NOHSC Xi - IRRITANT

R43 - May cause sensitization by skin contact



S2 - Keep out of reach of children.
S24 - Avoid contact with skin.
S37 - Wear suitable gloves.

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
SUSMP Classification	not scheduled		

EMERGENCY OVERVIEW

Colour	straw	Odour	citrus
Physical Description	Liquid	Viscosity	Semi-viscous liquid
Major Health Hazards	None known		

SECTION 3 – INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
(R)-p-mentha-1,8-diene (D-limonene, orange oil)	5989-27-5	<10% w/w	not set	not set
Ingredients determined to be non-hazardous	Various	10 - 30% w/w	not set	not set
Water	7732-18-5	> 60% w/w	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.



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SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if any irritation persists.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor) if symptoms persist.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Water based. Not combustible. However if involved in a fire will emit toxic fumes.
Extinguishing Media	Use an extinguishing media suitable for surrounding fires.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
Flash Point	Not combustible

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labeled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

SECTION 7 – HANDLING AND STORAGE



Handling	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
Storage	Store in a cool, dry, place with good ventilation. Avoid storing in aluminum and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.



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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission: Time-weighted Average (TWA): None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients. Short Term Exposure Limit (STEL): None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients.
Biological Limit Value	None established for product.
Engineering Controls	No special requirements.
Personal Protective Equipment	This product is classified as hazardous (IRRITANT) according to the criteria of Work safe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
Eye Protection	The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
	
Skin Protection	Wear gloves. Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
	
Protective Material	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
Types	
Respirator	Not required for normal cleaning operations with adequate ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Semi-viscous liquid	Colour	straw
Odour	citrus	Specific Gravity	1.03 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions	pH	9.5 – 10.5 neat
Volatile Organic Compounds (VOC)	Not available	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 80 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Oxidising agents, extremes in temperature.
Incompatible Materials	Oxidising agents.
Hazardous Decomposition	Product can decompose on combustion (burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.



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SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects Irritant: eye, skin, inhalation and ingestion.

Target Organs Eyes, mucous membranes, skin.

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion

short term exposure Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach.

long term exposure No information available.

Skin contact

short term exposure May cause skin irritation. May cause skin sensitisation (orange oil). Prolonged contact with concentrated solutions may be irritating.

long term exposure This product, as supplied is not a sensitizer. Improper storage and handling can lead to oxidation. The oxidized forms of orange oil have shown potential to be skin sensitizers.

Eye contact

short term exposure Eye contact may cause stinging, blurring, tearing, pain.

long term exposure No information available.

Inhalation

short term exposure Inhalation of mists or aerosols may produce mucous membrane and respiratory irritation.

long term exposure No information available.

Carcinogen Status

NOHSC

No significant ingredient is classified as carcinogenic by NOHSC.

NTP

No significant ingredient is classified as carcinogenic by NTP.

IARC

No significant ingredient is classified as carcinogenic by IARC.

Medical conditions

aggravated by exposure No information available.

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity No data available for specific product. Ingredient : (R) - p-mentha-1,8-diene stated to be
LC-0 = 26 mg/l
LC-50 = 33 mg/l
LC-100=43 mg/l

Acute toxicity LC50 96 h Fish = < 1 mg/L EC50 48 h

Algae toxicity

No data available for product. Ingredient: (R) - p-mentha-1, 8-diene at 100% stated to be harmful. Daphnia = < 1 mg/L IC50 75 h Algae = < 1 mg/L

Invertebrates toxicity

No data available for product.

Toxicity to Bacteria

No data available for product.

OECD Biological degradation

Ingredient: (R) - p-mentha-1, 8-diene at 100% stated to be Marine Pollutant: Classified as slight hazard for water WGK-1.

(R) - p-mentha-1, 8-diene a biodegradable solvent occurring in nature as the main component of orange peel oil - 100% in 28 days.

General

Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.



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SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septics, and grey water systems. To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

SECTION 14 – TRANSPORT INFORMATION

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
Packaging Method	none allocated	Special Provisions	none allocated
Segregation	none allocated		

SECTION 15 – REGULATORY INFORMATION

All ingredients present on AICS.

AICS

Labeling Details

HAZARD

Xi - IRRITANT

RISK PHRASES

R43 - May cause sensitization by skin contact

SAFETY PHRASES

S2 - Keep out of reach of children.

S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

SUSMP

None allocated

ADG Code

None allocated

SECTION 16 – OTHER INFORMATION

Acronyms

SUSMP

Standard for the Uniform Scheduling of Medicines and Poisons.

ADG Code

Australian Code for the Transport of Dangerous Goods by Road and Rail.

CAS Number

Chemical Abstracts Service Registry Number.

UN Number

United Nations Number.

R-Phrases

Risk Phrases.

HAZCHEM

An emergency action code of numbers and letters which gives information to emergency services.

NOHSC

National Occupational Health and Safety Commission.

NTP

National Toxicology Program (USA).

IARC

International Agency for Research on Cancer.

AICS

Australian Inventory of Chemical Substances.

TWA

Time Weighted Average

STEL

Short Term Exposure Limit

Literature References

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

Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.

Standard for the Uniform Scheduling of Medicines and Poisons 2011.

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

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]

Material Safety Data Sheets – individual raw materials – Suppliers.

HSIS – Hazardous Substance Information System – National Work safe Data Base.



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New Issue to standard: 2nd Edition [NOHSC: 2011(2003)].

Revision Information

Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.		
Contact Point	Regulatory Affairs Manager.	Telephone	(07) 3245 3255
Issue Date	03.09.2012	Supersedes Issue Date	2007

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

The MSDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date. All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. As per the Work safe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application. No expressed or implied warranties or any responsibility for damages resulting from use of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new MSDS to be generated by the re-packer.