



Shoe & Leather Care Products



Horse Care Products



Footwear finishes, adhesives  
and craft products

## WAPROO SUEDE & NUBUCK MOUSSE CLEANER

### Material Safety Data Sheet

Issue Date: 9 February 2009 CHEMWATCH 6615-45  
NC317ECP Version No:2  
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#### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WAPROO SUEDE & NUBUCK MOUSSE CLEANER

**SYNONYMS**

**PROPER SHIPPING NAME:** AEROSOLS

**PRODUCT USE:** Cleaning suede and nubuck leathers.

MSDS are intended for use in the workplace. For domestic-use products, refer to consumer labels. Application is by spray atomisation from a hand held aerosol pack. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Shoe cleaner.

**SUPPLIER**

Company: Waproo Pty Ltd  
Address: 7 Ordish Road, Dandenong South VIC 3175  
Telephone: +61 3 9238 9888  
Fax: +61 3 9238 9899

Emergency Telephone: +613 9238 9888 (8 am – 5 pm Monday to Friday)  
0417-051-323 (24 hours)

#### Section 2 - HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE**

**DANGEROUS GOODS. NON-HAZARDOUS SUBSTANCE. According to the Criteria of NOHSC, and the ADG Code.**

**POISONS SCHEDULE:** None

**RISK SAFETY**

Extremely flammable. Keep away from sources of ignition. No smoking.  
Risk of explosion if heated under confinement. Do not breathe gas/fumes/vapour/spray.  
Wear eye/face protection.  
In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.  
This material and its container must be disposed of as hazardous waste.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
hydrocarbon propellant	68476-85-7.	1-10

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment.

### Section 4 - FIRST AID MEASURES

#### SWALLOWED

Not considered a normal route of entry.

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

#### EYE

If aerosols come in contact with the eyes:

- Immediately hold the eyelids apart and flush the eye with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

#### SKIN

If solids or aerosol mists are deposited upon the skin:

- Flush skin and hair with running water (and soap if available).
- Remove any adhering solids with industrial skin cleansing cream.
- DO NOT use solvents.
- Seek medical attention in the event of irritation.

#### INHALED

If aerosols, fumes or combustion products are inhaled:

- Remove to fresh air.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

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**NOTES TO PHYSICIAN:** Treat symptomatically.

### Section 5 - FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

- Water spray or fog.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

#### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- If safe, switch off electrical equipment until vapour fire hazard removed.
- Use water delivered as a fine spray to control fire and cool adjacent area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 100 metres in all directions.

#### FIRE/EXPLOSION HAZARD

- Liquid and vapour are highly flammable.
- Severe fire hazard when exposed to heat or flame.
- Vapour forms an explosive mixture with air.
- Severe explosion hazard, in the form of vapour, when exposed to flame or spark.
- Vapour may travel a considerable distance to source of ignition.
- Heating may cause expansion or decomposition with violent container rupture.
- Aerosol cans may explode on exposure to naked flames.
- Rupturing containers may rocket and scatter burning materials.
- Hazards may not be restricted to pressure effects.
- May emit acrid, poisonous or corrosive fumes.
- On combustion, may emit toxic fumes of carbon monoxide (CO).

Combustion products include: carbon dioxide (CO<sub>2</sub>), other pyrolysis products typical of burning organic material.

#### FIRE INCOMPATIBILITY

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

**HAZCHEM: 2Y**

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### Personal Protective Equipment

Breathing apparatus.

Gas tight chemical resistant suit.

Limit exposure duration to 1 BA set 30 mins.

### Section 6 - ACCIDENTAL RELEASE MEASURES

#### EMERGENCY PROCEDURES

#### MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.

#### ACCIDENTAL RELEASE MEASURES

- Wear protective clothing, impervious gloves and safety glasses.
- Shut off all possible sources of ignition and increase ventilation.
- Wipe up.
- If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated.
- Undamaged cans should be gathered and stowed safely.

#### MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses
- No smoking, naked lights or ignition sources.
- Increase ventilation.
- Stop leak if safe to do so.
- Water spray or fog may be used to disperse / absorb vapour.
- Absorb or cover spill with sand, earth, inert materials or vermiculite.
- If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated.
- Undamaged cans should be gathered and stowed safely.
- Collect residues and seal in labelled drums for disposal.

#### PROTECTIVE ACTIONS FOR SPILL

From IERG (Canada/Australia)

Isolation Distance - Downwind Protection Distance 8 metres

IERG Number 49

#### FOOTNOTES

1 PROTECTIVE ACTION ZONE is defined as the area in which people are at risk of harmful exposure. This zone assumes that random changes in wind direction confines the vapour plume to an area within 30 degrees on either side of the predominant wind direction, resulting in a crosswind protective action distance equal to the downwind protective action distance.

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2 PROTECTIVE ACTIONS should be initiated to the extent possible, beginning with those closest to the spill and working away from the site in the downwind direction. Within the protective action zone a level of vapour concentration may exist resulting in nearly all unprotected persons becoming incapacitated and unable to take protective action and/or incurring serious or irreversible health effects.

3 INITIAL ISOLATION ZONE is determined as an area, including upwind of the incident, within which a high probability of localised wind reversal may expose nearly all persons without appropriate protection to life-threatening concentrations of the material.

4 SMALL SPILLS involve a leaking package of 200 litres (55 US gallons) or less, such as a drum (jerrican or box with inner containers). Larger packages leaking less than 200 litres and compressed gas leaking from a small cylinder are also considered "small spills".

### ACCIDENTAL RELEASE MEASURES

LARGE SPILLS involve many small leaking packages or a leaking package of greater than 200 litres, such as a cargo tank, portable tank or a "one-tonne" compressed gas cylinder.

5 Guide 126 is taken from the US DOT emergency response guide book.

6 IERG information is derived from CANUTEC - Transport Canada.

### EMERGENCY RESPONSE PLANNING GUIDELINES (ERPG)

The maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to one hour WITHOUT experiencing or developing life-threatening health effects is:

hydrocarbon propellant 2000 ppm

irreversible or other serious effects or symptoms which could impair an individual's ability to take protective action is:

hydrocarbon propellant 2000 ppm

other than mild, transient adverse effects without perceiving a clearly defined odour is:

hydrocarbon propellant 2000 ppm

The threshold concentration below which most people will experience no appreciable risk of health effects:

hydrocarbon propellant 1000 ppm

American Industrial Hygiene Association (AIHA)

Ingredients considered according to the following cutoffs

Very Toxic (T+)  $\geq$  0.1% Toxic (T)  $\geq$  3.0%

R50  $\geq$  0.25% Corrosive (C)  $\geq$  5.0%

R51  $\geq$  2.5%

else  $\geq$  10%

where percentage is percentage of ingredient found in the mixture

**Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

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### Section 7 - HANDLING AND STORAGE

#### PROCEDURE FOR HANDLING

None required when handling small quantities.

OTHERWISE:

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- Avoid smoking, naked lights or ignition sources.
- Avoid contact with incompatible materials.
- When handling, DO NOT eat, drink or smoke.
- DO NOT incinerate or puncture aerosol cans.
- DO NOT spray directly on humans, exposed food or food utensils.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

### Section 7 - HANDLING AND STORAGE

#### SUITABLE CONTAINER

- Aerosol dispenser.
- Check that containers are clearly labelled.

#### STORAGE INCOMPATIBILITY

Avoid reaction with oxidising agents.

#### STORAGE REQUIREMENTS

Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can.

- Store in original containers in approved flammable liquid storage area.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- No smoking, naked lights, heat or ignition sources.
- Keep containers securely sealed. Contents under pressure.
- Store away from incompatible materials.
- Store in a cool, dry, well ventilated area.
- Avoid storage at temperatures higher than 40 deg C.
- Store in an upright position.
- Protect containers against physical damage.
- Check regularly for spills and leaks.
- Observe manufacturer's storing and handling recommendations.

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE CONTROLS

Source Material      TWA ppm    TWA mg/m<sup>3</sup>    STEL ppm    STEL mg/m<sup>3</sup> Peak ppm    Peak mg/m<sup>3</sup>    TWA F/CC

Australia hydrocarbon 1, 000      1, 800  
Exposure  
Standards propellant  
(LPG (liquified petroleum gas))

#### EMERGENCY EXPOSURE LIMITS

Material Revised                      IDLH Value (mg/m<sup>3</sup>) Revised                      IDLH Value (ppm)  
hydrocarbon propellant                      2, 000 [LEL]

#### NOTES

Values marked LEL indicate that the IDLH was based on 10% of the lower explosive limit for safety considerations even though the relevant toxicological data indicated that irreversible health effects or impairment of escape existed only at higher concentrations.

#### MATERIAL DATA

Not available. Refer to individual constituents.

#### INGREDIENT DATA

##### HYDROCARBON PROPELLANT:

Exposed individuals are NOT reasonably expected to be warned, by smell, that the Exposure Standard is being exceeded.

Odour Safety Factor (OSF) is determined to fall into either Class C, D or E.

The Odour Safety Factor (OSF) is defined as:

OSF= Exposure Standard (TWA) ppm/ Odour Threshold Value (OTV) ppm

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Classification into classes follows:

Class	OSF	Description
A	550	Over 90% of exposed individuals are aware by smell that the Exposure Standard (TLV- TWA for example) is being reached, even when distracted by working activities
B	26- 550	As " A" for 50- 90% of persons being distracted
C	1- 26	As " A" for less than 50% of persons being distracted
D	0.18- 1	10- 50% of persons aware of being tested perceive by smell that the Exposure Standard is being reached
E	<0.18	As " D" for less than 10% of persons aware of being tested

#### PERSONAL PROTECTION

##### EYE

No special equipment for minor exposure i.e. when handling small quantities.

OTHERWISE: For potentially moderate or heavy exposures:

· Safety glasses with side shields.

· NOTE: Contact lenses pose a special hazard; soft lenses may absorb irritants and ALL lenses concentrate them.

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#### HANDS/FEET

No special equipment needed when handling small quantities.

#### OTHERWISE:

For potentially moderate exposures:

Wear general protective gloves, eg. light weight rubber gloves.

For potentially heavy exposures:

Wear chemical protective gloves, eg. PVC. and safety footwear.

#### OTHER

No special equipment needed when handling small quantities.

#### OTHERWISE:

· Overalls.

· Skin cleansing cream.

· Eyewash unit.

· Do not spray on hot surfaces.

#### RESPIRATOR

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.

Breathing Zone Level ppm (volume)	Maximum Protection Factor	Half- face Respirator	Full- Face Respirator
1000	10	AX- AUS	-
1000	50	-	AX- AUS
5000	50	Airline *	-
5000	100	-	AX- 2
10000	100	-	AX- 3
	100+		Airline**

\* - Continuous Flow \*\* - Continuous-flow or positive pressure demand.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

#### ENGINEERING CONTROLS

None required when handling small quantities.

#### OTHERWISE:

General exhaust is adequate under normal conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection.

Provide adequate ventilation in warehouse or closed storage areas.

#### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

##### APPEARANCE

Supplied as an aerosol pack. Contents under PRESSURE. Contains highly flammable hydrocarbon propellant. Clear to cloudy liquid with a lemon odour; mixes with water.

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#### PHYSICAL PROPERTIES

Liquid.

Gas.

Mixes with water.

Molecular Weight: Not Applicable

Melting Range (°C): Not Available

Solubility in water (g/L): Miscible

pH (1% solution): Not Available

Volatile Component (%vol): as water

Relative Vapour Density (air=1): Not Available

Lower Explosive Limit (%): Not Available Upper

Autoignition Temp (°C): Not Available

State: Liquid Viscosity: Not Available

Boiling Range (°C): Not Available

Specific Gravity (water= 1): 1- 1.03

pH (as supplied): 9

Vapour Pressure (kPa): Not Available

Evaporation Rate: Slow

Flash Point (°C): Not Available

Explosive Limit (%): Not Available

Decomposition Temp ( °C): Not Available

#### Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

##### CONDITIONS CONTRIBUTING TO INSTABILITY

- Elevated temperatures.
- Presence of open flame.
- Product is considered stable.
- Hazardous polymerisation will not occur.

#### Section 11 - TOXICOLOGICAL INFORMATION

##### POTENTIAL HEALTH EFFECTS

##### ACUTE HEALTH EFFECTS

##### SWALLOWED

Considered an unlikely route of entry in commercial/industrial environments.

Ingestion may result in nausea, abdominal irritation, pain and vomiting.

##### EYE

The liquid may produce eye discomfort and is capable of causing temporary impairment of vision and/or transient eye inflammation, ulceration.

##### SKIN

Spray mist may produce discomfort.

The material may accentuate any pre-existing dermatitis condition.

##### INHALED

Spray mist may produce discomfort.

Acute effects from inhalation of high vapour concentrations may be chest and nasal irritation with coughing, sneezing, headache and even nausea.

WARNING: Intentional misuse by concentrating/inhaling contents may be lethal.

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### CHRONIC HEALTH EFFECTS

Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapours especially at higher temperatures.

Prolonged or continuous skin contact with the liquid may cause defatting with drying, cracking, irritation and dermatitis following.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

WARNING: Aerosol containers may present pressure related hazards.

### TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

HYDROCARBON PROPELLANT:

Not available. Refer to individual constituents.

### Section 12 - ECOLOGICAL INFORMATION

Marine Pollutant: Not Determined

No data for Waproo Suede & Nubuck Mousse Cleaner.

Refer to data for ingredients, which follows:

HYDROCARBON PROPELLANT:

The lower molecular weight hydrocarbons are expected to form a "slick" on the surface of waters after release in calm sea conditions. This is expected to evaporate and enter the atmosphere where it will be degraded through reaction with hydroxy radicals.

Some of the material will become associated with benthic sediments, and it is likely to be spread over a fairly wide area of sea floor. Marine sediments may be either aerobic or anaerobic. The material, in probability, is biodegradable, under aerobic conditions (isomerised olefins and alkenes show variable results).

Evidence also suggests that the hydrocarbons may be degradable under anaerobic conditions although such degradation in benthic sediments may be a relatively slow process.

Under aerobic conditions the material will degrade to water and carbon dioxide, while under anaerobic processes it will produce water, methane and carbon dioxide.

Based on test results, as well as theoretical considerations, the potential for bioaccumulation may be high. Toxic effects are often observed in species such as blue mussel, daphnia, freshwater green algae, marine copepods and amphipods.

Drinking Water Standards:

hydrocarbon total: 10 ug/l (UK max.).

DO NOT discharge into sewer or waterways.

### Section 13 - DISPOSAL CONSIDERATIONS

- Consult State Land Waste Management Authority for disposal.
- Discharge contents of damaged aerosol cans at an approved site.
- Allow small quantities to evaporate.

- DO NOT incinerate or puncture aerosol cans.
- Bury residues and emptied aerosol cans at an approved site.

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#### Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE GAS

HAZCHEM: 2Y

UNDG: Dangerous Goods Class: 2.1 Subrisk: None

UN Number: 1950 Packing Group: None

Shipping Name:AEROSOLS

#### Air Transport IATA:

ICAO/IATA Class: 2.1 ICAO/IATA Subrisk: None

UN/ID Number: 1950 Packing Group: None

ERG Code: 10L

Shipping name:AEROSOLS

#### Maritime Transport IMDG:

IMDG Class: 2.1 IMDG Subrisk: SP63

UN Number: 1950 Packing Group: None

EMS Number: F- D, S- U Marine Pollutant: Not Determined

Shipping name:AEROSOLS

#### Section 15 - REGULATORY INFORMATION

**POISONS SCHEDULE: None**

#### REGULATIONS

hydrocarbon propellant (CAS: 68476-85-7) is found on the following regulatory lists;

Australia Exposure Standards

Australia High Volume Industrial Chemical List (HVICL)

Australia Inventory of Chemical Substances (AICS)

OECD Representative List of High Production Volume (HPV) Chemicals

hydrocarbon propellant (CAS: 68476-86-8) is found on the following regulatory lists;

Australia Inventory of Chemical Substances (AICS)

OECD Representative List of High Production Volume (HPV) Chemicals

#### Section 16 - OTHER INFORMATION

#### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name	CAS
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hydrocarbon propellant	68476- 85- 7, 68476- 86- 8
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Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

This Material Safety Data Sheet has been prepared by Chemwatch on behalf of its client.  
For further information about this product;

Telephone: +613 9238-9888

Reason(s) For Issue: Admin Changes

## **WAPROO SUEDE & NUBUCK MOUSSE CLEANER**

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Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Waproo Pty Ltd 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 company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.