

# MATERIAL SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Extraction Liquid

**Recommended Use:** Carpet & Upholstery Cleaning liquid removes grease, oil, and dust soilings as well as traffic film of all textile coverings.

**Supplier:** Auto Klene Solutions  
**ABN:** 51 417 164 855  
**Street Address:** 1/83 Merrindale Drive  
Croydon, Victoria  
Australia

**Phone Number:** +61 3 8761 1900  
**Facsimile:** +61 3 8761 1955

## 2. HAZARDS IDENTIFICATION

This material is Hazardous according to criteria of NOHSC; HAZARDOUS SUBSTANCE.

Classified as Non-Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; NON-DANGEROUS GOODS.

**UN Number:** N App  
**DG Class:** N App  
**Packing Group:** N App  
**Hazchem Code:** N App

**Risk Phrases:** R36/38 Irritating to eyes and skin.

**Safety Phrases:** S24/25 Avoid contact with skin and eyes.  
S37/39 Wear suitable gloves and eye/face protection.

**Poisons Schedule:** S5

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components/CAS Number	Proportion	Risk Phrases
Alkaline Salts/7601-54-9	0-5.99%	
Surfactants/9002-92-0	0-4.99%	
Diethylene Glycol Monoalkyl Ether/112-34-5	0-4.99%	
Ingredients determined not to be hazardous	0-1%	
Water/7732-18-5	Balance	

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## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766)

- Inhalation:** If fumes or combustion products are inhaled, remove from contaminated area. Avoid becoming a victim. Seek medical advice as soon as possible.
- Skin Contact:** If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If irritation continues, seek medical attention.
- Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. If irritation continues, seek medical attention.
- Ingestion:** Immediately give a glass of water. DO NOT induce vomiting. Contact a Poisons Information Centre or a doctor.
- Medical attention And special Treatment:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

- Hazards from combustion Products:** Non-combustible. Not considered to be a significant fire risk. Expansion or decompression on heating may lead to violent rupture of containers.
- Precautions for fire fighters and Special protective equipment:** Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves for fire only. 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.
- Suitable Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide as governed by adjacent materials.
- Hazchem Code:** None.

## 6. ACCIDENTAL RELEASE MEASURES

- Emergency procedures:** If contamination of sewers or waterways has occurred advise local emergency services.
- Methods and materials for Containment and clean up:** Clear area of all personnel. Alert Fire Brigade and tell them location and nature of hazard. Control personal contact by using protective equipment as required. Prevent spillage from entering drains and waterways. Collect recoverable product into labeled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent run off into drains or waterways.

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## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Keep containers securely sealed and protected against physical damage. Store in a cool, dry place away from direct heat and sunlight.

**Precautions for safe handling:** No special handling procedures required.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE CONTROLS

None assigned.

### PERSONAL PROTECTION

#### EYE

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

- OTHERWISE:

- Safety glasses with side shields.

- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

#### HANDS/FEET

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, eg. PVC.

#### OTHER

No special equipment needed when handling small quantities.

OTHERWISE:

- Overalls.

- Barrier cream.

- Eyewash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult your Occupational Health and Safety Advisor.

### ENGINEERING CONTROLS

None under normal operating conditions.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Colour:</b>	Pale straw with slight blue fluorescence
<b>Odour:</b>	Lavender
<b>Solubility:</b>	Mixes with water
<b>Specific Gravity:</b>	1.054 @ 20°C
<b>Relative Vapour Density (air=1):</b>	N Av
<b>Vapour Pressure (20°C):</b>	18 mm Hg @ 20°C
<b>Flash Point (°C):</b>	N App
<b>Flammability Limits (%):</b>	N App
<b>Autoignition Temperature (°C):</b>	N Av
<b>% Volatile by Weight:</b>	N Av
<b>Solubility in water (g/L):</b>	Complete
<b>Melting Point/Range (°C):</b>	0 approx
<b>Boiling Point/Range (°C):</b>	100 approx
<b>Decomposition Point (°C):</b>	N Av
<b>pH:</b>	12.2 ± 0.2
<b>Viscosity:</b>	N Av
<b>Evaporation Rate:</b>	As for water

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Product is considered stable and hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Avoid contact with foodstuffs.
<b>Incompatible materials:</b>	N App
<b>Hazardous decomposition Products:</b>	N Av
<b>Hazardous reactions:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

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:

<b>Ingestion:</b>	May be harmful if swallowed. May cause irritation to mouth, throat and stomach. Ingestion can cause nausea and vomiting.
<b>Eye contact:</b>	Harmful to the eyes. May cause soreness. May cause watering of eyes. May cause conjunctivitis.
<b>Skin contact:</b>	Will have a defatting effect on the skin. Contact with skin may result in irritation.
<b>Inhalation:</b>	May cause irritation to the nose and throat. Harmful by inhalation.
<b>Long Term Effects:</b>	None known.

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**Toxicological Data:** as Alkaline Salts: Oral LD50 (rat): >4000 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** The ingredients of this product are not toxic to the aquatic environment at the concentrations in which they are present.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent. Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

## 14. TRANSPORT INFORMATION

**Hazchem Code:** None.

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

## 15. REGULATORY INFORMATION

**Classification:** This material is hazardous according to criteria of NOHSC; HAZARDOUS SUBSTANCE.

**Poisons Schedule:** S5

## 16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Auto Klene cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.