



Issue: 3
Revision Date 27/08/08
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Print Date

Manufacturers & Wholesalers of:

**S u p e r i o r A u t o m o t i v e D e t a i l i n g &
I n d u s t r i a l M a i n t e n a n c e P r o d u c t s**

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **CITRUS SOLVE**
Supplier: Sunmarine Detailing A Division Of Omikron Australasia Pty Ltd, 5 Carrington Rd, Marrickville, NSW 2204
Telephone No: (02) 9559-2233
Fax No.: (02) 9559-3366
Email: admin@omikron.com.au
Website: www.omikron.com.au
Product Use: Spot, Gum & Light Grease Remover

2. HAZARDS IDENTIFICATION

Hazard Classification: **HAZARDOUS ACCORDING TO CRITERIA OF NOHSC**

Xi: Irritant

R-Phrases: R36: Irritating to eyes, R37: Irritating to respiratory system. R38: Irritating to skin.

S-Phrases: S24/25: Avoid contact with skin & eyes, S23: Do not breathe vapour.

Ingestion: Swallowing can result in nausea, vomiting, diarrhea, abdominal pain, convulsion, chemical burns to the throat and intestinal tract, loss of consciousness and possible death.

Eye Contact: Severe eye irritation. May result in permanent injury and corneal burns.

Skin Contact: May result in severe irritation and may cause skin burns. Skin contact often does not cause pain.

Inhalation: Can result in respiratory irritation and coughing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Volume %
Terpene Hydrocarbons	5989-27-5	> 90%
Nonyl Phenol (Ethoxylated)	9016-45-9	< 5%

4. FIRST AID MEASURES

Ingestion:	Rinse mouth thoroughly with cold water. Do Not induce vomiting. Give plenty of water. If not available, use milk. Seek medical attention immediately.
Eye Contact:	Immediately flush contaminated eye with water for 20 minutes, holding eyelid open. Seek medical attention immediately.
Skin Contact:	Avoid skin contact. Always wear rubber gloves. Thoroughly flush contaminated skin with water. Remove contaminated clothing and shoes. If swelling, Redness, blistering or irritation occurs seek medical attention immediately.
Inhalation:	Remove patient to fresh air, if breathing difficulties occur Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Fire Hazard:	Flammable
Hazardous:	During thermal decomposition, carbon dioxide, carbon monoxide, nitrogen oxide and other toxic gases may be produced. Firefighters should wear full protective clothing and self contained breathing apparatus.
Hazchem Code:	2R
Explosive:	Not Applicable

Fire Fighting

Use water in flooding quantities as fog. Use foam, dry chemical, or carbon dioxide. Cool all effective containers with flooding quantities of water. Apply water from as far a distance as possible. Keep run off water out of sewers and water sources.

Non Fire Response

Keep sparks, flames, and other sources of ignition away. Keep material out of water sources and sewers. Build dikes to contain flow as necessary. Attempt to stop leak if without undue personal hazard. Land spill: Dig a pit, pond, lagoon, holding area to contain liquid or solid material. Dike surface flow using soil, sand bags, foamed polyurethane, or foamed concrete. Absorb bulk liquid with fly ash, cement powder, or commercial solvents. Water spill: Use natural barriers or oil spill control booms to limit spill travel. Remove trapped material with suction hoses.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Prevent product from entering drains.
Clean-up methods:	Dilute with water. Dike to prevent entry into waterways. Use sand or Drisorb to mop up excess. Discard in a proper fashion and in accordance with EPA waste disposal regulations. DO NOT allow to enter waterways.

7. HANDLING AND STORAGE

Handling:	Do not breathe vapour. Avoid contact with skin and eyes. Wear protective clothing.
Storage:	Store in original container in a dry cool place. Store away from oxidizing agents and foodstuffs. Keep container closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	Not Available
Engineering Measures:	Ensure adequate ventilation, especially in confined areas. Always wash hands after use & before eating, smoking, drinking or using the toilet.
Personal Protection:	Wear overalls and wash before re-using.
Respiratory Protection:	Use organic vapour respirator that meets Australian Standards AS1715/6.
Eye Protection:	Use chemical goggles.
Hand Protection:	Use impervious gloves.

9. PHYSICAL/CHEMICAL PROPERTIES.

Form: Liquid **Smell:** Citrus **Density:** (SG) = 0.8662 (Water) = 1
Colour: Yellowish Clear **Boiling Point:** Approx 176-182 Deg C **Flash Point:** 48 Deg C (Closed cup)
Solubility: In Water **PH in Concentrate:** Not applicable **Vapour Density:** Data unavailable

10. STABILITY/REACTIVITY

Stability: Normally stable

Materials to Avoid: Keep away from strong oxidizing agents. May react exothermically with reducing agents to liberate gaseous hydrogen.

11. TOXICOLOGICAL INFORMATION

Sub chronic toxicology not considered relevant to humans.

Prolonged skin contact may de-fat the skin and result in irritation and dermatitis.

Toxicity Data: Oral LD50 (rat) 4400mg per kg

Dermal LD50 (rabbit) >5g per kg

12. ECOLOGICAL INFORMATION

Readily Biodegradable

May be toxic to aquatic organisms and marine life.

Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Use sand, Drisorb or other similar material. Discard in a proper fashion and in accordance with EPA waste disposal regulations. DO NOT allow to enter waterways.

14. TRANSPORT INFORMATION

Classified as **DANGEROUS GOODS** according to criteria of ADG code

Shipping Name:	TERPENE HYDROCARBONS NOS	UN Number:	2319
DG Class:	3	Subsidiary Risk:	Nil
Packing Group:	III	Special Precautions:	Not Available
Hazchem Code:	3(Y)	Hazard Category:	Flammable 3

15. REGULATORY INFORMATION

Poisons Schedule: (S5) Keep out of reach of children. S62 – If swallowed, do not induce vomiting. Seek medical advise and show this MSDS

16. OTHER INFORMATION

Any advice, recommendations, information, assistance or service provided by Omikron Australasia P/L Products in relation to the goods supplied or their use or application is given in good faith and believed to be appropriate and reliable. Omikron Australasia P/L can not be held responsible for any misuse of this product. The customer accepts full responsibility and risks for use of the goods alone or in combination with other products. All warranties or conditions other than those expressly stated whether implied by statute, common law, custom of trade or otherwise, are to the extent that laws permits are expressly excluded.

CONTACT POINT

Organization:**Phone:****Contact:**

Poisons Information Centre – Australia Wide

131 126

Omikron Australasia P/L

(02) 9559-2233 Charlie Cartisano or Gregory Totten

Fire Brigade

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Police

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END OF MSDS