



Issue: 3
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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: **X-55 SOLVENT**
Supplier: Omikron Australasia Pty Limited, 5 Carrington Road, 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: Cleaning Solvent & Degreaser

2. HAZARDS IDENTIFICATION

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

R-Phrases: R11 Highly flammable, R20 Harmful by inhalation, R38 irritating to skin, R65 Harmful: may cause lung damage if swallowed, R67 Vapours may cause drowsiness and dizziness.

S-Phrases: S16 Keep away from sources of ignition, S23 Do not breathe vapours, S24 Avoid contact with skin, S36/37 Wear suitable protective clothing and gloves.

Ingestion: Swallowing can cause irritation to mouth, throat and digestive tract. Ingestion may cause drowsiness, nausea, vomiting and may lead to unconsciousness. May cause lung damage.

Eye Contact: May cause irritation or damage the eye.

Skin Contact: May cause irritation after prolonged use.

Inhalation: Vapour concentrations may cause irritation to the mucous membranes and the respiratory tract. Prolonged exposure to vapours can effect the central nervous system and result in dizziness, headache and unconsciousness.

Environmental Hazard: Toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment.

Physical & Chemical /
Fire & Explosion Hazard: Extreme Hazard. Leaks of gas or spills of liquid can readily form flammable mixtures at temperatures at or above the flash point.
Static discharge. Can cause instant ignition and explosion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Volume % |
|--|----------------|-----------------|
| Aliphatic, Cycloparaffinic Hydrocarbon | 64742-49-0 | >95% |

4. FIRST AID MEASURES

- Inhalation: Use proper respiratory protection, immediately remove the affected victim from exposure. Remove patient to fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. **Call for prompt medical attention.**
- Ingestion: **DO NOT Induce vomiting** Keep at rest. Give a glass of water, **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. Use soap if available. Remove contaminated clothing and shoes. If swelling, redness, blistering or irritation occurs **seek medical attention immediately.**

5. FIRE FIGHTING MEASURES

- Fire Hazard: Highly Flammable liquid. Remove sources of re-ignition. Flash back along vapour trail may occur. Use water spray to disperse vapours and to protect men attempting to stop the leak. Firefighters should wear full body protective clothing with breathing apparatus. Either allow fire to burn under controlled conditions, or extinguish with foam or dry chemical. Try to cover liquid spills with foam.
- Special Fire Precautions: Avoid spraying water directly into storage containers due to dangers of boilover.

6. ACCIDENTAL RELEASE MEASURES

- Land Spill: Eliminate sources of ignition. Warn occupants of downwind areas of fire and explosion hazard. Prevent liquid from entering sewers, water courses, or low areas. Keep public away. Shut off source if possible.
- Environmental Precautions: Prevent product from entering drains and sewers or landfills.
- Clean-up methods: Dike to prevent entry into waterways. Use sand or Drisorb to mop up excess. Scrap up and shovel or pale and place in suitable containers for disposal. Consult an expert on disposal of material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

- Handling: Open container slowly to control possible pressure release. Do not breathe vapour. Avoid contact with skin and eyes. Keep away from naked flame. Electrostatic hazard. Use proper grounding procedures.
- Storage: Store in original container in a dry cool place. Keep away from oxidizing agents and foodstuffs. Keep container closed.
- Important Note: Do not cut, heat, grind or weld previously used containers as containers may contain residue.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 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 AS AS1715/6.
- Eye Protection: Use chemical goggles.
- Hand Protection: Use impervious solvent resistant gloves.
- Exposure Limits: Exxon/Mobil recommends for total hydrocarbons, based on composition and using the reciprocal calculation procedure (RCB)
n-Hexane TWA: 72mg/m3 (20ppm)

9. PHYSICAL/CHEMICAL PROPERTIES.

Form: Liquid **Smell:** Mild odour **Density:** (SG) = 0.72 kg/dm³ (Water = 1)
Colour: Clear liquid **Boiling Point:** Approx 75 - 115 Deg C **Flash Point:** - 15° Deg C
Solubility: In Water 0.00% **PH in Concentrate:** N/A **Vapour Density:** (101.3kpa/Air=1) n/a
Auto Ignition Temperature: > 200° Deg c
Exposure Limits in air: 0.6 – 7 Vol %

10. STABILITY/REACTIVITY

Stability: Normally stable.
Materials to Avoid: Keep away from foodstuffs, strong oxidizing agents, heat, naked flames and any sources of ignition.

11. TOXICOLOGICAL INFORMATION

Inhalation: Vapour concentrations above recommended exposure levels may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness, could be anesthetic and may have other central nervous system effects.
Skin contact: Low order of toxicity, frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye Contact: Will cause eye discomfort, but will not injure eye tissue.
Ingestion: Minimal toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema.
Chronic: This product contains n-hexane. Overexposure may cause progressive and potentially irreversible damage to the peripheral nervous system.

12. ECOLOGICAL INFORMATION

This product is highly volatile and will rapidly evaporate if released into the water. This product can degrade rapidly in air, and is expected to biodegrade rapidly and be “readily” biodegradable according to OECD guidelines. Expected to be toxic to aquatic organisms. Long term adverse effects are possible if continuous exposure is maintained.

13. DISPOSAL CONSIDERATIONS

Use sand, Drisorb or other similar material. Discard in proper fashion. DO NOT allow to enter waterways. Collect and place in drums with non sparking tools. Refer also to Sections 6 & 7 above.

14. TRANSPORT INFORMATION

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

| | |
|--|--|
| Shipping Name: Petroleum Distillates N.O.S. (Solvent Naphtha) | UN Number: 1268 |
| DG Class: 3 | Subsidiary Risk: Nil |
| Packing Group: II | Special Precautions: Poison Schedule S5 |
| Hazchem Code: 3[Y]E | Hazard Category: Flammable |

15. REGULATORY INFORMATION

Poisons Schedule: S5 – Keep out of reach of children. S62- If swallowed, **DO NOT INDUCE VOMITING.** Seek medical advice and show this MSDS.

16. OTHER INFORMATION

Any advice, recommendations, information, assistance or service provided by Omikron Australasia P/L 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 | Barry Sheridan or Gregory Totten |
| Fire Brigade | 000 | |
| Police | 000 | |

END OF MSDS