SUPERIOR AUTOMOTIVE & MARINE DETAILING PRODUCTS

Manufacturers & Wholesalers of:

Superior Automotive Detailing & Industrial Maintenance Products

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **MAG MAGIC**
Suppler: 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: Heavy Duty, Alloy & Metal Cleaner

2. HAZARDS IDENTIFICATION

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

R-Phrases: R23 Toxic by inhalation, R24 Toxic in contact with skin, R25 Toxic if swallowed, R35 causes severe burns.
S-Phrases: S 23 Do not breathe vapours, S26 In case of contact with eyes, rinse immediately with plenty of water and seek urgent medical advice, S36/37/39 wear suitable protective clothing, gloves, and eye/face protection, S51 Use only in well ventilated areas.

Ingestion: **Very toxic when swallowed**, severe burning and/or perforation of the digestive system which may lead to death.
Eye Contact: **Risk of serious damage on contact with eyes**, hydrogen fluoride can dissolve in the moisture on the surface of the eye and can cause severe irritation. Splashing into the eye may cause severe and irreversible damage with possible corneal scarring.
Skin Contact: **Very toxic on contact with the skin,** hydrogen fluoride can cause deep and painful skin burns. Acid burns may take a few minutes to several hours to be noticed. Serious skin splashes could cause death.
Inhalation: **Very toxic by inhalation**, weak vapour concentrations of a few ppm can produce irritation of the nose, throat, eyes and respiratory tract. High concentrations can cause severe burns to the lips, mouth , throat and lungs which can cause death.
Chronic: Health effects, the major health hazards of hydrogen fluoride exposure are related to its irritant and corrosive properties during short- term (acute) exposures.
Fluorosis: Fluoride tends to accumulate in the bones and excessive amounts will produce weakening and degeneration of the bone structure. There may also be heart, nerve, and intestinal problems.
Environmental: **Toxic** to aquatic organisms, animals and plants.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Volume %
Hydrofluoric Acid	7664-39-3	< 10%
Phosphoric Acid	7664-38-2	> 10%
Nonyl Phenol Polyethyanoxy	9016-45-9	< 10%

4. FIRST AID MEASURES

Ingestion:	Rinse mouth thoroughly with cold water. **Do Not induce vomiting**. Give plenty of water containing six (6) tablets of effervescent calcium gluconate. If not available, use milk. **Seek medical attention immediately**. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
Eye Contact:	Immediately flush contaminated eye with water for 20 minutes, holding eyelid open. Continue irrigation with normal saline until the severe pain of the burn is relieved. Instil several drops of sterile calcium gluconate (10% solution). **Seek medical attention immediately.**
Skin Contact:	Avoid skin contact. Always wear rubber gloves. Thoroughly flush contaminated skin with water for at least 20 minutes. Remove contaminated clothing and shoes. Apply 2.5% calcium gluconate gel to affected area and leave on the skin. For large burns give four (4) tablets of effervescent calcium gluconate. **Seek medical attention immediately.**
Inhalation:	Remove patient to fresh air. If breathing has stopped, begin artificial respiration or (CPR) immediately (avoid mouth to mouth contact). **Seek medical attention immediately**.

5. FIRE FIGHTING MEASURES

Fire Hazard:	Non Flammable
Hazardous:	Avoid splashing with high pressure water, hydrogen gas may be produced. Wear full body protective clothing with breathing apparatus.
Hazchem Code:	4 WE
Explosive:	Not Applicable

Suitable Extinguishing Method: Foam, carbon dioxide (CO_2), dry chemical or water.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Prevent product from entering drains. Toxic to plant, marine and animal life.
Clean-up methods:	Dilute with water. Dike to prevent entry into waterways. Use sand or Drisorb to mop up excess. Wear full protective clothing. Discard in proper fashion and in accordance with EPA.

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, gloves and protective foot wear, and wash contaminated clothing before re-using.
Respiratory Protection:	Use organic vapour respirator that meets AS AS1715/6.
Eye Protection:	Use chemical goggles.
Hand Protection:	Use impervious gloves.

9. PHYSICAL/CHEMICAL PROPERTIES.

Form: Liquid	**Smell:** Acidic	**Density:** (SG) = 1.25 (Water) = 1
Colour: Yellow	**Boiling Point:** Approx 98-105 Deg C	**Flash Point:** Not Flammable
Solubility: In Water	**PH in Concentrate:** <3	**Vapour Density:** Not Available

10. STABILITY/REACTIVITY

Stability: Normally stable
Hazardous Reaction: Can react violently with caustic bases (Caustic soda). Acid will affect glass, ceramics and metals containing silica, natural gum rubber and leather. Most metals are corroded to some degree.
Materials to Avoid: Keep away from foodstuffs, aluminum, zinc, lead, tin and their alloys.

11. TOXICOLOGICAL INFORMATION

No information available. Extremely corrosive on contact with any body tissue. Liver & kidney damage in rats & rabbits after acute exposure. However, this relates to full concentrations of HF at 70%.

12. ECOLOGICAL INFORMATION

Biodegradable in low concentrations.
Pollutant, very toxic, very corrosive.

13. DISPOSAL CONSIDERATIONS

Use sand, Drisorb or other similar material. Discard in proper fashion in accordance with EPA
DO NOT allow to enter waterways. Refer section (6) Accidental release measures.

14. TRANSPORT INFORMATION

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

Shipping Name:	Corrosive Liquids, Toxic, N.O.S	**UN Number:**	2922
DG Class:	8	**Subsidiary Risk:**	6.1 (a)
Packing Group:	II	**Special Precautions:**	As listed above
Hazchem Code:	2[X]E	**Hazard Category:**	Corrosive, Toxic

15. REGULATORY INFORMATION

Poisons Schedule: S7 – Keep out of reach of children. S62 – If swallowed, do not induce vomiting. Seek medical advise immediatley 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	Charlie Cartisano or Gregory Totten
Fire Brigade	000	
Police	000	

END OF MSDS