



**HardwareCity**  
HardwareCity (S) Pte Ltd  
Brand: YellowYellow  
Manufactured in Malaysia

Material Safety Data Sheet(MSDS)

**1. Identification Of Material**

Product Name YellowYellow Spray Foam & Silicone Caulk Remover

**2. Composition On Ingredients**

Ingredient Name		Nonylphenol Ethoxylate Cas No.26027-38-3	
		Hydrochloric Acid Cas No.764-01-0	
		Hydrochloric Acid Cas No.7664-39-3	
		Isopropyl Alcohol	Cas No. 67 – 63 – 0
NP 9	2.50%	UN number	1789 &1790
HC	10%	DG Class	8
HF	3%	Packaing Group	11
Isopropyl Alcohol	3%	Hazchem Code.	2R
		Paison Schedule	
water	100%		

**3. Hazards Identification**

Acute Effects	Severe eye irritation .Highly corrosive to eyes.
eyes	High corrosive to skin
Skin	May cause irritation to mouth , nose and throat.
Inhalation	cause burn To mouth throat and stomach .
Ingestion	Ingestion Result in nuasea, vomiting abdominal pain and convusions .If swallowed can kill.
Chronic Effect	Prolonged skin contact my cause chronic dermatitis

#### 4. First Aid Measures

Eyes	Irrigate with plenty of water for 15 minutes. In cases of eye contamination it is advisable to seek medical advice.
Skin	Wash skin with plenty of water. If irritation persists seek medical advice.
Inhalation	Not consider a feature of normal use. If irritation remove fresh air. If irritation persists seek medical advice.
Ingestion	Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice. Treat symptomatically as for strong acid.

#### 5. Fire Fighting Measures

Special Hazards	Non-Combustible
Extinguishing Media	This Product is non-flammable for fire in the surrounding use appropriate extinguishing method for the area. The Product is highly acidic, avoid contact with metals to release hydrogen gas and cause explosion.
Protective Equipment	Self-contained breathing apparatus.

#### 6. Accidental Release Measures

Spillage Cleanup	Wash with plenty of water. Contain the spillage and absorb with sand and earth.
Personal precaution	Turn leak side up to prevent further leakage.
Environmental	Do not discharge into the drain. Contain the spillage by using bunding. Seek authority for advice.

#### 7. Handling And Storage

Handling Requirement	Avoid direct contact with eye and skin. Always follow industrial safety practices.
Storage Condition	Store in cool and dry place and keep container closed.
suitable Packaging	Must only keep in original container.
Others	Refer to State Regulation for storage and transportation requirements.

## 8. Exposure Controls

### Work Place Exposure Limits

Hydrochloric Acid	OSHA PEL :5ppm(TWA) TLV : 2 ppm (TWA)
Hdrofluoric Acid	OSHA PEL :3ppm(TWA) TLV : 0.5ppm (TWA)
Enginerring Measures	Must have well ventilated area remove HL & HF vapour.
Respiratory Protection	Slf -contained braething apparatus must be available.
Eye Protection	Wear safety glasses, faceshield ,viton rubber gloves and impervious apparel. Avoid direct skin and eyes contact.

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## Physical And Chemical Properties

Appearance	Clear Liquid
colour	Colourless
Ordour	Fragrance smell
pH	3 to 4
Boiling Point	NA
Flash Point	NA
Specific Gravity	1.02
Vapour Pressure	NA
Solubility in Water	Soluble

## 10. Stability And Reactivity

Stability	Stable at room temperature
Condition to Avoid	Do not mix with other chemical.
Hazardous Decompositi of Product	Heated may liberate hydrogen chloride and hydrogen fluoride gases

## 11. toxicological Information

Toxicity Data	As Hydrochloric acid : Oral rabbit LD:900mg/kg oral mouse LD 50: 50mg/kg IHL rat LC 50:3124ppm/hour IHL HMN LC 50 : 1300ppm / hour
	As hydrofluoric acid : IHL HMN LCLD : 50 ppm / 30min IHL rat LC 50 : 1276 ppm / hour

## 12. Ecological Information

Mobility	mobile ,readily absorbed into soil. Volatile and soluble in water.
Degradability	Degradable.
Bio-Accumulation	No bio-accumulation

## 13. Disposal Consideration

material	Refer to State Land Waste Management Authority.
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## 14. Transport information

This product is categorised as Class 8 -Corrosive code for the Transport of Dangerous Good By Road And Rail.

## 15. Regulatory Information

Risk Statement	R3 Cause severe burns
Safety Statement	S2 Keep out of reach of children. S24 / 25 avoid contact with skin and eyes.

## 16. Other information

Packaging & labelling	Class 8 - Corrosive Packing Group II 25 Litre Carboy
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The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations