



YYT Trading Co., Ltd.
17F-3., No.530, Yingcai Rd., West Dist., Taichung City 403, Taiwan
Tel : +886 4 23015338 Fax : +886 4 23015339

Safety Data Sheet (SDS)

Nano Ag⁺ Deodorizer

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers	
Product Name:	Nano Ag ⁺ Deodorizer
Product Identifier:	
Product Family:	AQUEOUS MIXTURE
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified Uses:	Automotive body detailing
1.3 Details of the supplier of the safety data sheet	
Company:	YYT Trading Co., Ltd 17F-3., No.530, Yingcai Rd., West Dist., Taichung City 403, Taiwan
Telephone:	+886 4 23015338
Fax:	+886 4 23015339
1.4 Emergency telephone number	
Emergency Phone Numer:	PERS TAIWAN 04-23015338 INTERNATIONAL +886 4 23015338

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910(OSHA HCS)	H319 Causes serious eye irritation.
Precautionary Statements	
Prevention:	P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear eye protection.
Response:	P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep



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	<p>comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332 + P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337 + P313 If eye irritation persists: Get medical advice/ attention.</p>
2.2 GHS Label elements, including precautionary statements	
Signal Word:	WARNING
Pictogram:	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
WATER	7732-18-5		95-96%
SODIUM XYLENE SULFONATE	1300-72-7		1.00%
COCAMIDOPROPYL BETAINE	59272-84-3		1.00%
ANIONIC COPOLYMER	52500-92-2		1.00%
CITRIC ACID	77-92-9		1.00%

4. FIRST AID MEASURES

First Aid Procedures	
After Inhalation:	Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.
After Contact with Skin:	Immediately wash skin with soap and water. May cause irritation. Seek medical attention if irritation or allergic reaction is present.
After Contact with Eyes:	Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.
After Ingestion:	Rinse mouth with water, contact poison control center or emergency



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	number listed in section 1.4. Never give anything by mouth to an unconscious person.
Advice to doctor/Treatment:	None known.

5. Fire Fighting Measures:

Flashpoint:	Unknown, aqueous mixture.
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Self-Ignition:	Not applicable
Ignition Temperature:	Not tested
Hazardous Combustion Products:	carbon oxides, sodium oxides, sulfur oxides
Extinguishing Media:	water spray jet, alcohol-resistant foam, carbon dioxide, dry powder
Special Fire Fighting Procedure:	Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.
Unusual Fire and Explosion Hazards:	Product can potentially float on water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use the Personal protective Equipment recommended in Section 8 of this SDS.
Environmental Precautions:	Spilled product may present a slipping hazard or result in unintended fumes. Please absorb excess, rinse area and ensure adequate ventilation.
Methods for Containments and Clean-up	Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diatomaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash exposed area.

7. HANDLING AND STORAGE

Handling:	Wear gloves while in use, protect hands, face and skin from prolonged and
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	repeated exposure. May cause skin cracking, drying and irritation.
Storage:	Store with caution. Do not store in temperatures above 120F. Bottle/container may swell and or damage product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline	Exposure Limits: No known exposure limits.
Comments:	
Engineering Controls:	Adequate ventilation necessary.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Wear goggles if deemed necessary. Concentrated and diluted solution may irritate eyes.
Skin Protection:	Wear gloves while in use.
Respiratory Protection:	Niosh approved respirator for airborne particles if adequate ventilation not present.
General Hygiene Considerations:	Treat products as sum of its components. Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	liquid
Appearance:	Translucent off white
Particle Size:	Not applicable
Odor:	Not Available Data
Odor Threshold:	No Available Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Boiling Point:	200f
Decomposition Temperature:	No Available Data
Melting Point:	32F
Freezing Point:	32F
Relative Density:	1g/cm3
Bulk Density:	No Available Data
Solubility in Water:	100%
Solubility in Other Liquids:	No Available Data
PH:	7-9



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Flash Point:	No Available Data
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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Avoid extreme temperatures.
Hazardous Decomposition Products:	carbon oxides, sodium oxides, sulfur oxides
Possibility of Hazardous Reactions:	Do not bring into contact with oxidizers.

11. TOXICOLOGICAL INFORMATION

sodium xylene Sulphonate:	LD50 Oral - rat - male and female - \geq 7,200 mg/kg Inhalation: no data available LD50 Dermal - rabbit - male and female - $>$ 2,000 mg/kg
Citric Acid:	LD50 Oral - Rat - 5,400 mg/kg (OECD Test Guideline 401) Inhalation: No data available LD50 Dermal - Rat - $>$ 2,000 mg/kg (OECD Test Guideline 402)
Skin Irritation/Corrosion:	May be irritating to skin.
Eye Irritation/Corrosion:	May cause eye irritation/damage.
Effects of Short-Term (Acute) Exposure:	No data available.
Inhalation:	No data available
Ingestion:	No data available.

12. ECOLOGICAL TOXICITY

General Comments	
Sodium xylene Sulphonate	Biodegradability aerobic - Exposure time 28 d Result: 83 - 85 % - Readily biodegradable. (OECD Test Guideline 301B)
Citric Acid:	Toxicity to fish mortality LC50 - <i>Leuciscus idus melanotus</i> - 440 mg/l - 48 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates

13. DISPOSAL CONSIDERATIONS

Product:	Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be reused. Containers should be
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disposed of in accordance with government guidelines.

14. TRANSPORT INFORMATION

Shipping Information:	Product is not UN rated. Product is not flammable or known to have any restrictions in transport. Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.
Special Shipping Information:	Not applicable.
NFPA/HMIS	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

15. REGULATORY INFORMATION

United States

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components The following components are subject to reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

Pennsylvania Right To Know Components

Citric acid CAS-No. 77-92-9

New Jersey Right To Know Components

Citric acid CAS-No. 77-92-9

California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS Prepared by:	YYT Trading Co., Ltd
Disclaimer:	This health and safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, to maintain revised copies of this information to be requested. When applicable, revised copies shall be sent



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	<p>to customers whom have been directly supplied with this substance. It must be known that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.</p>
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