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<b>P-578 ATOMIZED DISINFECTANT FLUID</b>	Revised edition no : 00
	Effective Date: 15.10.2021

**1 Identification of the Product and the company**

Chemical Name : Atomized Disinfectant Fluid  
Use : clean, disinfect and freshen  
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD  
No.22 & 23, Jalan Maju 1,  
Cemerlang Industrial Estate,  
81800 Ulu Tiram, Johor, Malaysia.  
Tel: 607-8675798 Fax: 607-8675799  
Website: www.koyachemicals.com Email: admin@koyachemicals.com  
Emergency phone no : See producer

**2 Hazard Identification**

Classification of the mixture: Not Classified

GHS label element  
Signal Word : No signal word  
Hazard Statement: No known significant effects or critical hazards.

Precautionary statements :  
Prevention Not applicable  
Response Not applicable  
Storage Store in well-ventilated place  
Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations

**3 Composition / Information on Ingredients**

Active Ingredients : Benzalkonium Chloride 0.5%

**4 First Aid Measures**

If inhaled Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
In case of skin contact Wash with soap and water. Get medical attention if irritation develops or persists.  
In case of eye contact Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  
If swallowed If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek

**5 Fire-Fighting Measures**

Suitable extinguishing media water, foam, dry chemical & carbon dioxide  
Hazardous combustion products Smoke, fumes and oxides of carbon.  
Special protective equipment for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**6 Accidental Release measures**

Environmental precautions Avoid runoff into storm sewers and ditches which lead to waterways. Absorb the liquid and scrub the area

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#### 7 Handling and Storage

Advice on safe handling	Wash thoroughly after handling. Use only in a well ventilated area. Store in a cool dry place.
Conditions for safe storage	Keep in a cool, well-ventilated place. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Storage temperature	Store in a cool place in original container and protect from sunlight.

#### 8 Exposure controls / personal protection

Engineering Control	Local Exhaust ventilation acceptable
Hand Protection	Solvex, neoprene, viton, butyl, buna, natural latex acceptable.
Eye Protection	For normal conditions, may use without safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.
Respiratory protection	Respirator If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapor Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposure limits and are unknown, use a supplied air respirator.

#### 9 Physical and chemical properties

Appearance	: Colourless Clear Liquid
pH Value	: pH 5.5-5.6 @ 24 -26.5 degree celcius
Specific Gravity	: 1.0 @ 28.9 degree celcius

#### 10 Stabiity and reactivity

Chemical stability	: Stable under normal conditions.
Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: N/D
Hazardous decomposition products	: Carbon oxides
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.

#### 11 Toxicological information

Eyes & Skin	May causes eye irritation & skin irritation.
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#### 12 Ecological information

Ecotoxicity	: The Product is soluble with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water. Water for sewage treatment, that has been contaminated. with small quantities of the Product, will not affect the biomass. High concentrations may be harmful to fish and micro organisms.
Mobility	: Not established.
Persistence and degradability	: There is only a slow environmental degradation of the Product.
Bioaccumulative potential	: There is seemingly no tendency for bioaccumulation.
Other adverse effects	: Unknown

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#### 13 Disposal Considerations

- The following advice only applies to the product as supplied
- Combination with other materials may well indicate another route of disposal. If in doubt, contact local TLC-KOYA CHEMICALS MANUFACTURING SDN BHD or local authorities.
- Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
- Care should in any case be taken to ensure compliance with national and local regulations.
- This product is not suitable for disposal by either landfill or via municipal sewers, drains, and natural streams, rivers or seas, they will effect the relationship between livings things, plants and their environment.

#### 14 Transport information

Proper Shipping Name: Non Hazardous Material  
Hazard Class: NA

#### 15 Regulatory Information

Classification and labeling : Classification /symbol - not regulated  
Governing directive : Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997  
Safety advice : (May contain information in excess of requirements under applicable laws.  
Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritaion persists: Get medical advice/attention

#### 16 Other information

Further information : None  
Print date : 18.10.2021

N/A - Not Applicable      N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such reommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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