



SAFETY DATA SHEET

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Revised edition no : 00

P-579 DISINFECTANT SPRAY

Effective Date: 17.11.2021

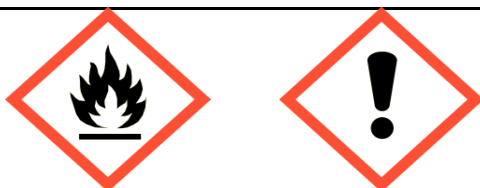
1 Identification of the Product and the company

Chemical Name : Disinfectant Spray
Type of product chemical family : N/A
Use : Disinfectant Spray
Distributor : 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 nr : See producer
UN NUMBER : DG UN1950 / IMO 2.1 / JPA 3

2 Hazard Identification

Pictogram :



SIGNAL WORD: WARNING

flammable aerosol Category 2
Gases under pressure : Liquefied gas
Skin irritation Category 2
Eye irritation Category 2

HAZARD STATEMENT

H223: Flammable aerosol
H280: Contain gas under pressure; may explode if heated
H315: Causes skin irritation
H412: Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P211 Do not spray on an open flame or other ignition source
P251 Pressurized container: Do not pierce or burn, even after use.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment reference to supplemental first aid instruction.
P332 + P313 If skin irritation occurs: Get medical advice/attention.

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P337+P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P410 + P403	Protect from sunlight. Store in a well-ventilated place
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°C.

3 Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% by wt (range)</u>
Essential Oil	-	< 2
Denatured Ethyl Alcohol	9003-99-0	70
Liquefied Petroleum Gas (LPG) - Propane	74-98-6	15-20
- Butane	106-97-8	20-30

4 First Aid Measures

Inhalation	Upon excessive inhalation, remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Skin Contact	Remove contaminated clothes and wash before reuse. Wash thoroughly with soap and water. Contact physician if irritation persists.
Ingestion	Rinse mouth with water and obtain medical attention.
Eye Contact	Flush immediately with water for at least 15 minute. Contact physician if symptoms persist.

5 Fire-Fighting Measures

Extinguishing Media Carbon dioxide, dry chemical, foam.

Product contains extremely high flammable propellant. Heating aerosol containers whether full or empty will cause pressure rise, with risk of bursting. Bursting cans can be ejected from a fire. In case of fire aerosol cans should be kept cool by using water spray. Exposure to temperature above 49 degree C may cause bursting.

6 Accidental Release measures

If the container is ruptured or begins to leak, place in a well-ventilated area free of spark and ignition sources. Any remaining liquid should be collected with absorbent media. Dispose unusable concentrated and absorbent media in accordance with regulation of government.

Health and safety	Handle spilled product with care. Wear chemical resistant glove, goggle, respirator protective clothing if needed. Avoid excessive inhalation, contact with skin and eyes.
Environmental	Avoid and remove ignition source from spilled area. Use inert material to absorb the spilled contents. Place all the contaminated materials in proper container for disposal. Do not leak into the sewage system or the soil.

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7 Handling and Storage

Handling	Do not smoke, eat or drink during handling.
Storage	Store at cool and dry place with adequate ventilation below 45 degree C. Keep out of reach of children.
Fire protection	Keep away from heat or direct sun light and naked flame.

Never puncture or incinerate aerosol cans even when empty.

8 Exposure controls / personal protection

The Following Controls are Recommended for Normal Consumer Use of this Product

Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye Protection: Avoid eye contact. Always spray away from your face.

Skin Protection: Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection: Safety goggles recommended where eye contact is possible.

Skin Protection: Wear chemical resistant gloves.

Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration.

Work/Hygiene Practices: Wash with soap and water after handling.

9 Physical and chemical properties

Physical State	: Liquid
Appearance and odour	: Transparent to pale yellow , selective fragrance to standard
Solubility in water	: Slight soluble
Melting Point	: Not applicable
Vapor Pressure (mm hg)	: 4,464 (mmHg)
PH	: 8.0 - 10.0
Specific Gravity	: 0.8 - 0.9
Internal Pressure	: 5.0 +/- 0.5 kg/cm ² (at 25°C)

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10 Stability and reactivity

Stability	: Stable
Condition to avoid	: Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatibility (materials to avoid)	: Avoid contact with Strong oxidizing agents.
Hazardous Decomposition Products	: Carbon monoxide with unidentified organic compound may be formed during combustion.
Reactivity	: Not reactive under normal conditions
Possibility of Hazardous Reactions	: Hazardous polymerization will not occur.

11 Toxicological information

Symptoms of Overexposure:

Inhalation:	High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.
Skin Contact:	Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.
Eye Contact:	Contact may be irritating to eyes. May cause redness and tearing.
Ingestion:	This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death

12 Ecological information

Ecotoxicity	No specific aquatic toxicity data is currently available; however components of this product are not expected to be harmful to aquatic organisms. If applied to leaves may kill grasses and small plants by interfering with respiration and transpiration. This product is not toxic to fish but may coat gill structures resulting in suffocation.
Persistence and Degradability:	Components are expected to be biodegradable.
Bioaccumulative Potential:	Bioaccumulation is not expected based on an assessment of the ingredients.
Mobility in Soil:	No data available.
Other Adverse Effects:	None Known

13 Disposal Considerations

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

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14 Transport information

IMO PROPER SHIPPING NAME : DISINFECTANT SPRAY
IMO U.N. CLASS : 2.1
IMO U.N. NUMBER : UN 1950
IMO LABEL : Flammable Gases



15 Regulatory Information

Classification and labeling

flammable aerosol Category 2

Gases under pressure : Liquefied gas

Skin irritation Category 2

Eye irritation Category 2

Hazard Statement

H223: Flammable aerosol

H280: Contain gas under pressure; may explode if heated

H315: Causes skin irritation

H412: Harmful to aquatic life with long lasting effects

Governing directive : Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997

Safety advice

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16 Other information

Further information : None

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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 recommendations 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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