



SAFETY DATA SHEET

Freezone Big Smoke OPP Disinfectant

SECTION 1. IDENTIFICATION

Product name: Freezone Big Smoke OPP Disinfectant

Recommended Use: Disinfectant Smoke Generator.

Restrictions on Use: None specified.

Supplier of SDS: Freezone Public Health Pty Ltd

Supplier Address: 18 Gilpin Street
Shorncliffe QLD 4017

Supplier Phone: 07 3869 4436

Supplier Fax: 07 3869 4433

Supplier Email: info@freezone.net.au

Emergency Telephone Number: Craig Jephcott 0412 200 252
Poisons Information Centre 13 11 26

SECTION 2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Acute toxicity: Category 4

Skin irritation: Category 2

Eye irritation: Category 2

Specific target organ toxicity - single exposure: Category 3

Acute aquatic toxicity: Category 1

Chronic aquatic toxicity: Category 1

Signal Word Warning

Label Elements and Precautionary Statements

Hazard Pictograms: Exclamation Mark Environment



- Hazard Statements: H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H333 May be harmful if inhaled
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life
 H410 Very toxic to aquatic life with long lasting effects.
- Precautionary Statements: P206 Do not breathe smoke
 P261 Avoid breathing dust.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor/ physician.
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as nonhazardous waste.

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<p>ORTHO-PHENYLPHENOL contains 30%</p> <p>CAS number: 90-43-7 EC number: 201-993-5</p>	<p>Classification</p> <p>H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H400 Very toxic to aquatic life. Acute1 H410 Very toxic to aquatic life. Chronic 1</p>
<p>Potassium chlorate contains 10-20%</p> <p>CAS number: 3811-04-9 EC number: 223-289-7</p>	<p>Classification</p> <p>H271 May cause fire or explosion; strong oxidiser. H302 Harmful if swallowed. Acute Tox 4 H332 Harmful if inhaled. Acute Tox 4 H411 Toxic to aquatic life with long lasting effects. Chronic 2</p>

Full text for all hazard statements is contained in Section 16.

SECTION 4. FIRST AID MEASURES**First aid measures**

General information	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.
Ingestion	If swallowed wash out mouth with water, seek medical advice immediately and show the container, label or this Data Sheet, if possible. Do not induce vomiting.
Skin contact	Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be laundered before re- issue. When symptoms persist or in all cases of doubt seek medical advice
Eye contact	Immediately irrigate with clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed

General information	To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.
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Indication of any immediate medical attention and special treatment needed

Risks	No data available
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SECTION 5. FIREFIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media	For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run- off water with, for example, temporary earth barriers.
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Specific hazards arising from the chemical

Specific hazards	Harmful and irritant fumes can be produced during combustion
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Special protective equipment and precautions for firefighters

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure suitable personal protection during removal of spillages. This means wearing a facemask that gives protection against toxic dusts, eye protection, chemically resistant gloves (e.g. 0.6 mm nitrile), boots and coveralls. See also Section 8.
Environmental precautions	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
Clean up methods	Cover spillage with moist sand or soil. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Information regarding safe handling, see section 7 Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13

SECTION 7. HANDLING AND STORAGE

Precautions for handling	Read the label before use. Do not breathe smoke. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking after use.
Storage precautions	Keep in original containers, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs. Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	Occupational exposure limits; Hazardous ingredients; Not applicable to field use 2-Phenylphenol MANUFACTURERS Standard, 8 hr TWA, 2 mg/m ³ . Not applicable to field use
Personal protective equipment	When using this product refer to the label for details. In all other cases, use the following
Respiratory protection	Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. Respiratory protective equipment should conform to the appropriate EN standard.
Hand protection	Wear suitable gloves conforming to EN 374. Eye protection Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).
Skin and body protection	Wear suitable protective clothing.
Eye Protection	Wear suitable eye/face protection conforming to EN 166.
Environmental Exposure Controls	Self-contained product unlikely to be released unless damaged Containment and clean-up methods refer to Section 6

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder in a metallic tin.
Colour	Off-white.
Odour	Phenolic.
Odour threshold	No information available.
Autoignition temperature	335 degrees C.
Melting Point	No information available
Boiling point	No information available
Flash point	Does not flash.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.

Relative density	No information available.
Bulk density	No information available.
Water solubility	Partly soluble in/with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.
Oxidising properties	Contains an oxidising agent; may assist combustion.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable at normal conditions.
Reactivity	No dangerous reaction known under conditions of correct and normal use.
Possibility of hazardous	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Heat and uncontrolled ignition sources.
Incompatible materials	The product is incompatible with strong reducing agents and acids.
Hazardous decomposition	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) LD50 Oral - rat - 2,733 mg/kg

Skin corrosion/irritation

Animal data Skin - Rabbit - Skin irritation

Serious eye damage/irritation

Serious eye damage/irritation Eyes - Rabbit - Severe eye irritation

Sensitisation

No data available

Carcinogenicity

OECD Test – Rat - Negative

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye burns.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties of the mixture have not been

thoroughly investigated.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data available
Partition coefficient	No data available
Bioaccumulative potential	No data available
Mobility in soil	Immobile in soil
Other adverse effects	Very toxic to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

General information	The generation of waste should be minimised or avoided wherever possible.
Disposal of packaging	Dispose of empty and cleaned packaging safely. Not completely emptied packaging should be disposed of as hazardous waste. Follow advice on product label and/or leaflet.

SECTION 14. TRANSPORT INFORMATION

Rail / Road (RID / ADR)	Class	UN Number	Packaging Group	Kemmler Index	
	9	3077	III		
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2-PHENYLPHENOL MIXTURE).				
Sea (IMDG-Code)	Class	UN Number	Packaging Group	EMS	MFAG
	9	3077	III		
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains 2-Phenylphenol 30.0%)				
Marine pollutant	Yes				
Air (ICAO / IATA)	Class	UN Number	Packaging Group		
	9	3077	III		
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains 2-Phenylphenol 30.0%)				

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

SECTION 16. OTHER INFORMATION

Revision date	06/09/2019
Revision	1
Supersedes date	n/a
Complete hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H333 May be harmful if inhaled H335 May cause respiratory irritation. H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.