

Product Name **ABSORB PLUS [FRONINE LAB SUPPLIES].**

Ingredient	Conc.	CAS No.
INERT FILLERS	>60%	Not Available
SODIUM DICHLOROISOCYANURATE	<10%	2893-78-9

Shipping **NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**
DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID SALTS

Synonyms ABSORB PLUS [FRONINE LAB SUPPLIES], FRONINE ABSORB PLUS, ABSORB PLUS.

Appearance WHITE POWDER

Odour MILD CHLORINE ODOUR

Use(s) SPILL CLEAN UP, VIRUS CONTROL.

Supplier FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26

Stock No. 219.

Poison Sched None Allocated

Hazchem 2WE

UN No. 2465

D.G Class 5.1

Sub/Tert Risk None Allocated

Pkg Group II

EPG 5A1

HEALTH HAZARDS

Health Hazard Summary Irritant - slightly corrosive. Use safe work practices to avoid eye or skin contact and dust/vapour inhalation. Upon contact with water, low levels of corrosive and highly irritating chlorine and hydrogen chloride vapour are released. When used in small quantities the potential for over exposure is reduced.

Eye Irritant. Exposure may result in lacrimation, irritation, pain, redness, conjunctivitis and possible corneal burns with prolonged contact.

Inhalation Irritant - slightly corrosive. Dust or vapour inhalation may result in mucous membrane irritation of the nose and throat with coughing. At high vapour levels, symptoms include burning pain, inflammation and ulceration of the respiratory tract. Effects may be delayed following exposure.

Skin Irritant. Contact may result in rash, irritation and dermatitis.

Ingestion Irritant. Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.

PRECAUTIONS

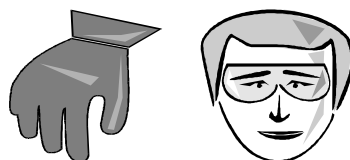
Flammability Non flammable - oxidising agent. May cause fire if mixed with incompatible substances. Evolves oxygen, increasing fire intensity. May evolve toxic chlorine gas, nitrogen/ sodium oxides when heated. Decomposes violently with heat.

Reactivity Oxidising agent. Incompatible with water (evolving toxic chlorine gas), combustible/ organic material (e.g. paper), reducing agents (e.g. amines, ammonia compounds), acids (eg. cyanuric acid) and heat sources.

Ventilation Do not inhale dust - vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended.

PERSONAL PROTECTIVE EQUIPMENT

PPE Wear dust-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type B-Class P1 (Inorganic, Acid gas and Particulate) Respirator.



Colour
Rating
AMBER

Chem Alert Report

Manufacturer's Material Safety Data Sheet

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FIRST AID

- Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
- Inhalation** Leave area of exposure immediately. If assisting a victim avoid becoming a casualty, wear a Full-face Type B-Class P2 (Inorganic and acid gas, Particulate) respirator or an Air-line respirator. If victim is not breathing apply artificial respiration and seek urgent medical attention.
- Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from water, acids combustible/ organic material, reducing agents, heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be banded and have appropriate fire protection and ventilation systems.
- Waste Disposal** Wearing personal protective equipment, cover with a WEAK reducing agent (eg. sodium bisulfite, thiosulfate, or ferrous salt; but NOT sulfur, carbon or strong reducing agent). Mix well and spray with water. Add 3M sulfuric acid if sulfite or ferrous salt is used. Add to container of water and neutralise with soda ash. Collect and dispose of to approved landfill site. Contact the manufacturer for additional information.
- Transport** Class 5.1 Oxidising agent. Do not transport with chemicals of class; 1 (Explosives), 2.1/ 2.3 (Flammable/ Toxic gases), 3/ 4.1 (Flammable liquids/ solids), 4.2 (Spontaneously combustibles), 4.3 (Dangerous When Wet), 5.2 (Organic peroxides), 6 (Toxics), 7 (Radioactives), 8 (Corrosives), 9 (Miscellaneous) and foodstuffs.

EMERGENCY

- Spillage** If spilt (bulk), contact emergency services if appropriate. Wear dust-proof goggles, PVC/rubber gloves, a Type B-Class P1 (Inorganic, Acid gas and Particulate) respirator (where an inhalation risk exists), coveralls and rubber boots. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Collect and place in clean, sealable containers for disposal. Avoid generating dust.
- Environment** Dichloroisocyanurates release chlorine in contact with water or moisture. Chlorine is highly toxic to all forms of aquatic life. Free chlorine has very low stability in natural water as it readily oxidises inorganic and organic compounds. There is no potential for bioaccumulation or bioconcentration.
- Fire and Explosion** Non flammable - oxidising agent. May cause fire if mixed with incompatible substances. Evacuate area & contact emergency services. Will decompose when heated forming toxic gases (chlorine, sodium/nitrogen oxides). Remain upwind & notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Decomposes on contact with water evolving toxic chlorine gas.
- Extinguishing** Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE
Boiling Point: NOT AVAILABLE
Exposure Standard: 1 ppm Chlorine
pH: NOT AVAILABLE
Specific Gravity: 0.96
Vapour Pressure: NOT AVAILABLE
Lower Explosion Limit: NOT RELEVANT

Flash Point: NOT RELEVANT
Melting Point: 240 - 250 C
Evaporation Rate: NOT AVAILABLE
% Volatiles: NOT AVAILABLE
Solubility (water): 100 g/L
Upper Explosion Limit: NOT RELEVANT