

# Chem Alert Report

Product Name **ASCORBIC ACID FRONINE LAB SUPPLIES.**

Ingredient	Conc.	CAS No.
ASCORBIC ACID	100%	50-81-7

**Synonyms** **CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**  
3-KETO-L-GULOFURANOLACTONE, 3-OXO-L-GULOFURANOLACTONE, ASCORBIC ACID, ASCORBIC ACID FRONINE LAB SUPPLIES, L-(+)-ASCORBIC ACID, L-(+)-ASCORBIC ACID ACS GRADE, L-3-KETOTHREOHEXUR

**Appearance** WHITE CRYSTALS OR POWDER

**Odour** ODOURLESS

**Use(s)** VITAMIN, MEDICAL APPLICATIONS.

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

**Stock No.** 528.

**Poison Sched** None Allocated      **Hazchem** None Allocated      **UN No.** None Allocated      **D.G Class** None Allocated

**Pkg Group** None Allocated      **EPG** None Allocated      **Sub/Tert Risk** None Allocated

## HEALTH HAZARDS

**Health Hazard Summary** Non toxic. This vitamin is essential to human nutrition. No adverse health effects are anticipated with normal use of this product. High doses may cause adverse effects, however these are not anticipated except with ingestion or injection of large quantities.

**Eye** Low to moderate irritant. Direct contact may result in irritation, pain and redness.

**Inhalation** Low irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

**Skin** Low irritant. Prolonged contact may result in irritation.

**Ingestion** Non toxic at the low levels normally found in the diet. Large doses may cause adverse health effects.

## PRECAUTIONS

**Flammability** Combustible - potentially explosive dust when exposed to heat or ignition sources, however due to the nature of use the risk is extremely low. Will evolve toxic carbon and nitrogen oxides when heated to decomposition.

**Reactivity** Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid), alkalis (eg. hydroxides), heat and ignition sources. Unstable in the presence of light.

**Ventilation** Ensure adequate natural ventilation.

## PERSONAL PROTECTIVE EQUIPMENT

**PPE** No personal protective equipment is normally required. When using large quantities or where heavy contamination is likely, wear dust-proof goggles and PVC or rubber gloves.

# NO PPE REQUIRED

Colour  
Rating  
**GREEN**

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## FIRST AID

- Eye** Flush gently with running water. Seek medical attention if irritation develops.
- Inhalation** If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
- Skin** Gently flush affected areas with water. Seek medical attention if irritation develops.
- 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 oxidising agents, acids and foodstuffs. Store away from direct light as product decomposes in sunlight. Ensure product is adequately labelled, protected from physical damage and sealed when not in use.
- Waste Disposal** No special precautions are required for the disposal of this product.
- Transport** Not regulated for transport purposes.

## EMERGENCY

- Spillage** If spilt/ packages damaged, collect and dispose of to land fill.
- Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.
- Fire and Explosion** Combustible - potentially explosive dust. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon/ nitrogen oxides) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas.
- Extinguishing** Dry agent, carbon dioxide or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

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## PHYSICAL AND CHEMICAL PROPERTIES

**Flammability:** COMBUSTIBLE  
**Boiling Point:** 192 C  
**Exposure Standard:** NOT AVAILABLE  
**pH:** NOT AVAILABLE  
**Specific Gravity:** 1.65  
**Vapour Pressure:** NOT AVAILABLE  
**Lower Explosion Limit:** NOT AVAILABLE

**Flash Point:** NOT AVAILABLE  
**Melting Point:** NOT AVAILABLE  
**Evaporation Rate:** NOT AVAILABLE  
**% Volatiles:** NOT AVAILABLE  
**Solubility (water):** SOLUBLE  
**Upper Explosion Limit:** NOT AVAILABLE