

General First aid should your child or loved one accidentally ingest hand sanitiser containing Isopropyl alcohol or Ethanol.

Poison Information Centre - 086 155 5777

The recommended hand sanitiser by the CDC states it should have a final concentration of at least 60% ethanol or 70% isopropyl alcohol that inactivates viruses.

ALWAYS ensure you have the Material Safety Data Sheets (MSDS) for the specific product that the supplier must give you upon request.

Isopropyl alcohol

Inhalation of vapours irritates the respiratory tract. Exposure to high concentrations has a narcotic effect, producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death.

First aid treatment in case of Inhalation, remove to fresh air. In not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion can cause drowsiness, unconsciousness, and death. Gastrointestinal pain, cramps, nausea, vomiting, and diarrhoea may also result. The single lethal dose for a human adult = about 250ml and 30ml for a child.

First aid treatment Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

May cause **skin irritation** with redness and pain. May be absorbed through the skin with possible systemic effects.

First aid treatment Immediately flush skin with plenty of water for at least 15 minutes. Call a physician if irritation develops.

Vapours cause **eye irritation**. Splashes caused severe irritation, possible corneal burns and eye damage.

First aid treatment Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Handling and Storage

1. Keep away from children.
2. Protect against physical damage.
3. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute.
4. Outside or detached storage is preferred.
5. Separate from incompatibles.
6. Containers should be bonded and grounded for transfers to avoid static sparks.

7. Storage and use areas should be No Smoking areas.
 8. Use non-sparking type tools and equipment, including explosion proof ventilation.
 9. Containers of this material may be hazardous when empty since they retain product residues.
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Ethanol

Extreme exposure such as intentional inhalation may cause unconsciousness, asphyxiation and death.

First aid treatment Inhalation:

1. If inhaled, remove to fresh air.
2. If not breathing, give artificial respiration.
3. If breathing is difficult, give oxygen.
4. Seek medical attention immediately.

First aid treatment Skin contact:

1. In case of contact, immediately flush skin with plenty of water.
2. Take off contaminated clothing and shoes immediately.
3. Wash contaminated clothing before re-use.
4. Contaminated leather, particularly footwear, must be discarded.
5. Note that contaminated clothing may be a fire hazard.
6. If skin irritation persists, seek medical attention.

First aid treatment Eye contact:

1. Remove contact lenses.
2. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
3. If eye irritation persists, seek medical attention.

First aid treatment Ingestion:

1. If swallowed Do NOT induce vomiting.
2. Aspiration of material into lungs can cause pulmonary oedema.
3. Never give anything by mouth to an unconscious person.
4. Seek medical attention immediately.
5. Notes to physician: Symptoms: Dizziness, Discomfort, Headache, Nausea, Kidney disorders, Liver disorders.
6. Aspiration may cause pulmonary oedema and pneumonitis.
7. Swallowing ethanol and gasoline mixture is more likely to be fatal for small children than adults, even if aspiration does not occur.

Hazard Statements

1. Extremely flammable liquid and vapor.
2. May be fatal if swallowed and enters airways.
3. Suspected of causing blood cancer if repeated over-exposure by inhalation and/or skin contact occurs.
4. May cause damage to liver, kidneys and nervous system by repeated or prolonged inhalation or skin contact.
5. Causes eye irritation.
6. Can be absorbed through skin.
7. Repeated or prolonged skin contact can cause irritation and dermatitis.

Prevention

1. Obtain special instructions before use.
2. Keep away from children.
3. Do not handle until all safety precautions have been read and understood.
4. Keep away from heat, sparks, open flames, welding and hot surfaces.
5. No smoking.
6. Keep container tightly closed.
7. Ground and/or bond container and receiving equipment.
8. Use explosion-proof electrical equipment.
9. Use only non-sparking tools (if tools are used in flammable atmosphere).
10. Take precautionary measures against static discharge.
11. Wear gloves, eye protection and face protection (as needed to prevent skin and eye contact with liquid).
12. Wash hands or liquid-contacted skin thoroughly after handling.
13. Do not eat, drink or smoke when using this product.
14. Do not breathe vapours.
15. Use only outdoors or in a well-ventilated area.
16. If swallowed: Immediately call a poison centre, doctor, hospital emergency room, medical clinic or 086 155 5777.

Storage

1. Store in a well-ventilated place.
2. Keep cool.
3. Store locked up.
4. Keep container tightly closed.
5. Use only approved containers.