

Ascorbic acid tetrahydrate USAGE POLICY

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NFPA Rating

Health Hazard: 1

Fire: 1

Reactivity Hazard: 1

HEALTH HAZARDS

- Eye: Causes eye irritation. May cause chemical conjunctivitis.
- Skin: Causes skin irritation.
- Ingestion: Gastrointestinal irritation.
- Inhalation: Respiratory tract irritation.

•HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides

CONDITIONS TO AVOID

Light , dust generation, excess heat.

PERSONAL PROTECTION

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

USERS

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REFERENCES

- 1)
<http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?country=IN&language=en&productNumber=A92902&brand=SIAL&PageToGoToURL=http%3A%2F%2Fwww.sigmaaldrich.com%2Fcatalog%2Fproduct%2Fisial%2Fa92902%3Flang%3Den>
- 2)
<http://www.fishersci.com/ecommerce/servlet/msdsproxy?productName=BP351500&productDescription=L-ASCORBIC+ACID+500G&catNo=BP351-500&vendorId=VN00033897&storeId=10652>