

Sodium Nitrite USAGE POLICY

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NFPA Rating

Health Hazard: 2

Fire: 0

Reactivity Hazard: 3

HEALTH HAZARDS

- Eyes: May cause irritation. Skin: May cause irritation to skin.
- Ingestion: May severely irritate or damage digestive tract. Inhalation: May severely irritate or damage mucous membranes and respiratory tract.

HAZARDOUS DECOMPOSITION PRODUCTS

NO_x,

MATERIALS TO AVOID

NA

CONDITIONS TO AVOID

Heat and sources of ignition

PERSONAL PROTECTION

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

FIRE FIGHTING MEASURES

Suitable extinguishing media

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

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. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Vetec - V000765 Page 3 of 8

If swallowed

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

USERS

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REFERENCES

- 1) <http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?country=IN&language=en&productNumber=V000765&brand=VETEC&PageToGoToURL=http%3A%2F%2Fwww.sigmaaldrich.com%2Fcatalog%2Fproduct%2Fvetec%2Fv000765%3Flang%3Den>
- 2) <http://www.carolina.com/pdf/msds/NANO2.pdf>