



# CATTs LABS & RESEARCH PVT. LTD.



AN ISO 9001 - 2015 CERTIFIED GOVT. APPROVED TEST HOUSE

Trusted Analytical & Research House

1. Identification of substance:
  - Product details: **NCO-0001**
  - Trade name: **Abu™ Fire Extinguishing Ball - Fireball**
  - Manufacturer/Supplier:  
**Narendra & Company, Village Manduwala, Doonga Road, Near Siddhuwala, Chakrata Road, Dehradun – 248007, Uttarakhand, India Tel: +91 135 2727279**  
Informing department: Product safety department/Quality Control.
  - Seller(s):  
**M/s Narendra & Company Private Limited (NCPL), 59 Gandhi Road, Dehradun – 248001, Uttarakhand, India Tel: +91 135 2727279, Email: [feedback@mudraveda.com](mailto:feedback@mudraveda.com)**
2. Composition/Data on components:
  - CAS: 7722-76-1
  - Chemical Characterization
  - Description: Mixture of the substances listed below with harmless additions.
  - Dangerous components:
3. Hazards identification
  - Hazard designation: Void
  - Information pertaining to particular dangers for human and environment void.
  - Classification system  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
4. First aid measures
  - General information No special measures required.
  - After inhalation supply fresh air: consult doctor in case of symptoms.
  - After skin contact the product is not skin irritating.
  - After eye contact rinse opened eye for several minutes under running water. After swallowing in case of persistent symptoms consult doctor.
5. Fire-fighting measures
  - Non – Flammable, Suitable extinguishing agents use fire-fighting measures that suit the environment.
  - Protective equipment: No special measures required.
  - Flash Point: None



Date: 19/04/2024



6. Accidental release measures
  - Person-related safety precautions: Not required. (refer to # 4 above)
  - Dispose According to Local Requirement.
  - Measures for environmental protection: No special measures required.
  - Measures for cleaning/collecting: Collect mechanically.
  - Additional information: No dangerous materials are released.
7. Handling and storage
  - Handling
  - Information for safe handling: No special measures required.
  - Information about protection against defecation and fires: No special measures required.
  - Storage.
  - Requirements to be met by storerooms and containers.
  - Use only containers specifically permitted for this substance/product.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Store under dry conditions.
  - Storage class
  - Class according to regulation on inflammable liquids: Void
8. Exposure controls and personal protection
  - Additional information about design of technical systems: No further data: see item 7
  - Components with critical values that require monitoring at the workplace:  
7727-43-7 barium sulphate, natural (2.5-10%) TLV 2  
mg/m<sup>3</sup>
  - Additional information: The lists that were valid during the compilation were used as basis.
  - Personal protective equipment and hygienic measures
  - General protective and hygienic measures
  - The usual precautionary measures should be adhered to in handling the chemicals.
  - Breathing equipment: Not required.
  - Protection of hands: Not required.
  - Eye protection: Not required.
9. Physical and chemical properties and test results MDSS.

From:	Solid
Colour:	According to product specification
Smell:	Characteristic
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Self-inflammability:	Product is not self-igniting
Danger of explosion:	None



Density in Miscibility with

Water:	Insoluble
Test Results / Shape of Ball	Spherical in shape
General Appearance	No cracks, tears and leakage of the extinguishing agent
Extinguishing agent contained inside	Dry chemical powder
Fire extinguishing balls	No agglomeration
Thermal resistance test	No cracks, tears and leakage of the extinguishing agent
Test of burst effect.	Low pressure, dry chemical powder is diffused
Sound level test, dBA.	138.2
Test for resistance to compression	No cracks, tears and leakage of the extinguishing agent
Drop test	No cracks, tears and leakage of the extinguishing agent

10. Stability and reactivity

Thermal decomposition/conditions to be avoided: at 853°C

Dangerous reactions No dangerous reactions known

Dangerous products of compositions: No dangerous decomposition products known

11. Toxicological information

Acute toxicity: None.

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: No sensitizing effects know.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any Harmful effects according to our experience and the information provided to us.

12. Ecological information:

General notes: Generally, not hazardous for water.

13. Disposal considerations

Product:

Recommendation Contact waste processors for recycling information or bury into the ground

Unclean packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

The product admitted for use in production, transportation inside the company and sale. It is admitted to transport in ADR conditions and to rail transport on RID.

Road (CDGRR) : Not Restricted. ADR/RID and GGVS/GGVE (Cross border / domestic)

Air (IATA) : Not Restricted. Non-HAZMAT Cargo aircraft.

Sea (IMDG) : Not Restricted. Non-HAZMAT Marine cargo.

