



Certificate No. : 6709-002

Shree Jay Ambe

**Jay
Dinesh
Chemicals**
Quality is Priority

Office Add:- 303/304 Murlidhar complex,
Opp Fathepura Post office,
Bhattha, Paldi, Ahmedabad- 3800 007
Gujarat, INDIA.

Teli :+91 79 26608664/ 79 26608667

9974013523/ 9909949962

Email:- Info@jaydinesh.com ; export@jaydinesh.com



since 1981

Factory: Plot No.184-186, Nr. Clearis Life Science,
Vill Chacharwadi vasana, Sarkhej bavla highway,
TA, Sanand, Dist. Ahmedabad- 382 213
Gujarat, INDIA.

Teli: +91 2717 294247 / 7817 013055

+91 9979317523

Websight: www.jaydinesh.com

SAFTEY DATA SHEET

Sodium Monofluorophosphate

1 Identification

Product identifier

Trade name: Sodium Monofluorophosphate

CAS Number: 10163-15-2

EC number: 233-433-0

Application of the substance / the mixture

Laboratory chemicals, Industrial & for professional use only.

Details of the supplier of the safety data sheet

Manufacturer/Supplier

Manufactured by: Jay Dinesh Chemical Survey No. 184 to 186, Nr. Claris Village Chacharawadi – Vasna,
Sarkhej Bawla Highway, Ta. Sanad, Dist Ahmedabad–382213.

Information department

Customer Service Department - Jay Dinesh Chemicals

Contact: Mis. Purvi. Shah.

e-mail: exports@jaydinesh.com

Emergency telephone number

During normal opening time:- +917878730626

2 Hazard(s) Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4) H302

Label elements

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word: Warning



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Hazard statements

H302

Harmful if swallowed.

Precautionary statements

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P271

Use only outdoors or in a well-ventilated area

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents/container to an approved waste disposal plant.

**Supplemental Hazard
Statements**

none

Other hazards

Lachrymator

3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description :10163-15-2

Identification number(s)

EC number:

4 First-Aid Measures

Description of first aid measures

After inhalation: Remove victim from contaminated atmosphere. If breathing is labored, administer Oxygen. If breathing has ceased, clear airway and start CPR. Obtain medical attention.

After skin contact: Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Continue rinsing. Obtain medical attention if irritation persists.

After eye contact: Immediately flush with large quantities of water for 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of the eye and lids. Obtain medical attention if irritation

After swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.



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5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing agents:

Not flammable, use media suitable for combustibles involved in fire.

Special hazards arising from the substance or mixture: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Advice for firefighters

Protective equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and full fire-fighting turnout gear. Keep containers/storage vessels in fire area cooled with water spray. Heating this product will evolve Sulfur dioxide, a severe respiratory irritant.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

Environmental precautions: Do not let product enter drains

Methods and material for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal

7 Handling and Storage

Handling:

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Store in cool, dry conditions and well ventilated area.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.



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8 Exposure Controls/Personal Protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be

Eye protection:



Tightly sealed goggles

9 Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:	White powder
Odor:	Odorless
Odor threshold :	No data available



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pH-value:	No data available
Change in condition	
Melting point/Melting range:	> 450°C (> 842°F)
Boiling point/Boiling range:	No data available
Specific gravity / density	No data available
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	75 °C
Auto igniting:	Not determined
Danger of explosion:	No data available
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	Not determined.
Relative density:	No data available
Vapor density:	Not determined.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Completely soluble
Partition coefficient (n-octanol/water):	Not applicable.
Viscosity:	No data available

10 Stability and Reactivity

Reactivity

Chemical stability : Not established.

Thermal decomposition / conditions to be avoided: This is a stable product under normal (ambient) temperature and pressure.

Possibility of hazardous reactions: Not established.

Conditions to avoid: No data available

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: No data available .



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11 Toxicological Information

Information on toxicological effects

Acute toxicity:

LD50 Oral - Rat: 502 - 638 mg/kg

LC50 Inhalation - Rat - male and female: > 2.1 mg/l (4h)
(OECD Test Guideline 403)

Dermal: No data available

Primary irritant effect:

on the skin:

no data available

on the eye:

Eyes - rabbit

Result: No eye irritation - 72 h (OECD Test Guideline 405)

Sensitization:

mouse

Result: Does not cause skin sensitization. (OECD Test Guideline 429)

Additional toxicological information:

Carcinogenic categories

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC (International Agency for Research on Cancer):

No component of this product, present at levels greater than or equal to 0.1%, is identified as probable, possible or confirmed human carcinogen by IARC

NTP (National Toxicology Program):

No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by NTP.

OSHA-Ca (Occupational Safety & Health Administration) :

No component of this product, present at levels greater than or equal to 0.1%, is identified as a carcinogen or potential carcinogen by OSHA.

12 Ecological Information

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability:

No further relevant information available.

Behavior in environmental systems

Bioaccumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water



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Do not allow undiluted product or large quantities of it to reach

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects:

No further relevant information available.

13 Disposal Considerations (non-mandatory)

Waste treatment methods

Recommendation:

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations

14 Transport Information (non-mandatory)

UN-Number

DOT, ADR, ADN, IMDG, IATA

Void

UN proper shipping name

DOT, ADN, IMDG, IATA

Void

ADR

Void

Transport hazard class(es)

DOT

Class

Void

ADR, ADN, IMDG, IATA

Class

Not restricted for transport

Packing group

DOT, ADR, IMDG, IATA

Void

Environmental hazards

Marine pollutant

No

Special precautions for user

Not applicable.

UN "Model Regulation"

Void

15 Regulatory Information (non-mandatory)

substance or mixture



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Section 355 (extremely hazardous substances):

Substance is not listed.

Section 313 (Specific toxic chemical listings):

Substance is not listed.

TSCA (Toxic Substances Control Act):

Substance is listed.

Proposition 65

Chemicals known to cause cancer:

Substance is not listed.

Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

Chemicals known to cause developmental toxicity:

Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency):

Substance is not listed.

TLV (Threshold Limit Value established by ACGIH):

Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

Substance is not listed.

GHS label elements:

The substance is classified and labeled according to the

Hazard pictograms



GHS05

Signal word:

Danger

Hazard statements:

Causes serious eye damage.

Precautionary statements:

Wear eye protection / face protection.If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Immediately call a POISON CENTER/doctor.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Quality Control Department

Contact: Mis Purvi. Shah.

e-mail: exports@jaydinesh.com

Date of preparation / last revision 04/18/2019 / -

Abbreviations and acronyms:



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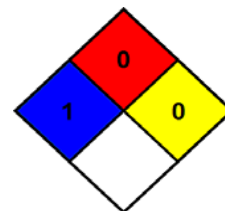
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NFPA health hazard

NFPA fire hazard

NFPA reactivity

1 - Materials that, under emergency conditions, can cause significant irritation.
0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
0 - Material that in themselves are normally stable, even under fire conditions.



Data compared to the previous version altered.

Revision Information: 01/2016, Sections 1, 2 revised - Information department and GHS label.

Revision Information: 01/2017, Added new ABCT Logo