



Shree Jay Ambe

Jay Dinesh Chemicals
Quality is Priority

Certificate No. : 6709-002

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

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



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

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Websight: www.jaydinesh.com

SAFTEY DATA SHEET

Sodium Tungstate

1 Identification

Product identifier

Trade name: Sodium tungstate

CAS Number: 10213-10-2

EC number: 236-743-4

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. Sanand, Dist Ahmedabad–382213.

Information department

Customer Service Department - Jay Dinesh Chemicals

Contact: Mis. Jyoti. Chauhan.

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 :10213-10-2

Formula: Na₂O₄W · 2H₂O

EC number:236-743-4

4 First-Aid Measures

Description of first aid measures

After inhalation: After inhalation: fresh air.

After skin contact:In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

After eye contact: After eye contact: rinse out with plenty of water. Remove contact lenses.

After swallowing: After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

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.

5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing agents:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



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Special hazards arising from the substance or mixture:Sodium oxides

Tungsten oxide
Not combustible.
Ambient fire may liberate hazardous vapours.

Advice for firefighters: In the event of fire, wear self-contained breathing apparatus.

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: Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures,consult an expert.For personal protection see section 8.

Environmental precautions:Do not let product enter drains

Methods and material for containment and cleaning up:

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10).
Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

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.

8 Exposure Controls/Personal Protection

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

Control parameters



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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 :	NA

pH-value: 8 - 9 at 50 g/l at 20 °C

Change in condition

Melting point/Melting range:	Melting point/range: 698 °C - lit.
Boiling point/Boiling range:	NA



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Specific gravity / density	NA
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	75 °C
Auto igniting:	Not determined
Danger of explosion:	NA
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	Not determined.
Relative density:	NA
Vapor density:	Not determined.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Melting point/range: 698 °C - lit.
Partition coefficient (n-octanol/water):	Not applicable.
Viscosity:	No data availableC

10 Stability and Reactivity

Reactivity : Melting point/range: 698 °C - lit.

Chemical stability : The product is chemically stable under standard ambient conditions (room temperature).

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 .

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

Carcinogenic categories



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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

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.



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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)

the substance or mixture

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.



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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:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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