



Shree Jay Ambe

**Jay Dinesh Chemicals**  
Quality is Priority

Certificate No. : 6709-002

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



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

### Oxygen Scavenger

#### 1 Identification

##### Product identifier

Trade name: Oxygen Scavenger

EC number: 207-837-2

##### Application of the substance / the mixture

Controls oxygen pitting in low and high pressure steam boilers.

##### 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

##### Classification of the Substance or Mixture

##### Classification (GHS-US)

Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Carc. 1A	H350
STOTRE 1	H372

##### Label elements

##### GHS label elements

##### Hazard pictograms



Signal word: Danger



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#### Hazard statements

Causes serious eye damage.

#### Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection

**Supplemental Hazard** none

#### Statements

#### Other hazards

**Lachrymator**

### 3 Composition/information on ingredients

#### Chemical characterization: Substances

#### Mixture

Chemical Name	CAS No	Weight-%
Proprietary	Proprietary	7-13
Proprietary	Proprietary	5-10
Proprietary	Proprietary	<5

### 4 First-Aid Measures

#### Description of first aid measures

**After inhalation:** Remove to fresh air.

**After skin contact:** Wash off immediately with plenty of water for at least 15 minutes.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**After swallowing:** If symptoms persist consult doctor.

#### Information for doctor:

#### Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Fire-Fighting Measures

#### Extinguishing media

#### Suitable extinguishing agents:

Water spray, dry foam, carbon dioxide.

**Special hazards arising from the substance or mixture:** In the presence of fire, this product may produce sulfur dioxide. May react with active metals (aluminum, zinc and magnesium) liberating hydrogen gas.

#### Advice for firefighters



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**Protective equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

## 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment as required

**Environmental precautions:** Do not let product enter drains

**Methods and material for containment and cleaning up:**

Small spills: Soak up with an inert absorbent and place in designated disposal container. Large spills: Spills should be contained and soaked up with an inert absorbent and place in designated disposal container to await proper treatment or disposal.

## 7 Handling and Storage

**Handling:**

**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection

**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 containers tightly closed when not in use. Store away from heat, open flames and incompatible materials. Store in cool, dry, ventilated area. Keep from freezing.

Keep out of reach of children

**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**

**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:**



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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

<b>Appearance:</b>	Clear, pale amber to water, water white liquid
<b>Odor:</b>	Odorless
<b>Odor threshold :</b>	No data available
<b>pH-value:</b>	6-8
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100 °C / 212 °F
<b>Specific gravity / density</b>	1.185
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined



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<b>Auto igniting:</b>	Not determined
<b>Danger of explosion:</b>	No data available
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Evaporation rate:</b>	Not applicable.
<b>Solubility in / Miscibility with Water:</b>	Miscible in water
<b>Partition coefficient (n-octanol/water):</b>	Not applicable.
<b>Viscosity:</b>	No data available

## 10 Stability and Reactivity

**Reactivity** :Not reactive under normal conditions

**Chemical stability** : Stable under recommended storage conditions

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

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to avoid:**Moisture. Avoid creating or spreading dust.

**Incompatible materials:** Strong acids. Metals. Halogens.

**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

**Primary irritant effect:**

**on the skin:**

Avoid contact with skin

**on the eye:**

Causes serious eye damage



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**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.

**13 Disposal Considerations (non-mandatory)**

**Waste treatment methods**

**Recommendation:**



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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)**

<b>UN-Number</b>	
<b>DOT, ADR, ADN, IMDG, IATA</b>	Void
<b>UN proper shipping name</b>	
<b>DOT, ADN, IMDG, IATA</b>	Void
<b>ADR</b>	Void
<b>Transport hazard class(es)</b>	
<b>DOT</b>	
<b>Class</b>	Void
<b>ADR, ADN, IMDG, IATA</b>	
<b>Class</b>	Not restricted for transport
<b>Packing group</b>	
<b>DOT, ADR, IMDG, IATA</b>	Void
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>UN "Model Regulation"</b>	Void

**15 Regulatory Information (non-mandatory)**

<b>substance or mixture</b>	
<b>Section 355 (extremely hazardous substances):</b>	Substance is not listed.
<b>Section 313 (Specific toxic chemical listings):</b>	Substance is not listed.
<b>TSCA (Toxic Substances Control Act):</b>	Substance is listed.
<b>Proposition 65</b>	
<b>Chemicals known to cause cancer:</b>	Substance is not listed.
<b>Chemicals known to cause reproductive toxicity for females:</b>	Substance is not listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>	Substance is not listed.
<b>Chemicals known to cause developmental toxicity:</b>	Substance is not listed.
<b>Carcinogenic categories</b>	



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**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](mailto:exports@jaydinesh.com)

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

**Abbreviations and acronyms:**

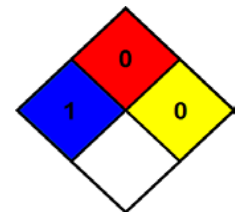
NFPA health hazard

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.

NFPA fire hazard

0 - Material that in themselves are normally stable, even under fire conditions.

NFPA reactivity



**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





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