

Safety Data Sheet



SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name/Identifier : Oxygen Scavenger

Product Code : WT3912

Product Use : Designed for the removal of dissolved oxygen from boilers and feed water

Company Information : Vance Chemicals Pte Ltd
No.24 Gul Lane
Singapore 629418
+65 6863 0863
msds@mr-mckenic.com

Emergency Contact : +65 9299 8024

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Health	Environmental	Physical
Not Classified	Not Classified	Not Classified

GHS LABEL:

There is no risk or hazards based on GHS classification criteria.

SECTION 3 COMPOSITIONS / INFORMATION ON INGREDIENTS

Chemical Identity	CAS #	Weight %
Non-hazardous	-	100%

SECTION 4 FIRST AID MEASURES

Eye Contact

Immediately flush eyes with large amounts of water.

Skin Contact

No effect

Inhalation

No effect

Ingestion

Rinse mouth with water and do not induce vomiting.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Safety Data Sheet



Unsuitable Extinguishing Media

No restrictions

Specific Hazards Arising from the Chemical

Hazardous decomposition products. Burning produces irritant fumes.

Protection for Fire-fighters

Evacuate personnel to safe areas. Intervention only by capable personnel who are trained and aware of the hazards of the product. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Clean contaminated surface thoroughly.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment

Refer to protective measures listed in sections 7 and 8.

Environmental Precautions

None

Method for Cleaning Up & Containment

Wash away with water

Emergency Procedures

Shut off leaks.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling

None

Conditions for Safe Storage

Keep container dry. Keep container tightly closed. Keep in a cool, well-ventilated place.

Storage Temperature : Ambient
Storage/Transport Pressure : Atmospheric

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment (PPE)

Eye Protection

Eye protection is not required under normal conditions of use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection

No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc) over parts of the body subjected to exposure. Launder soiled clothes. Proper dispose of contaminated leather articles including shoes, which cannot be decontaminated. Use rubber gloves if necessary.

Respiratory Protection

In the case of hazardous fumes, wear self contained breathing apparatus. Self-contained breathing apparatus in medium confinement/insufficient oxygen/in case of large uncontrolled emissions/in all circumstances when the mask and cartridge do not give adequate protection.

Thermal Hazards

NA

Safety Data Sheet



SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White Solid
Odour	: Odourless
Odour Threshold	: NA
PH	: 9-10
Melting Point/ Freezing Point (°C)	: Not determined
Initial Boiling Point and Range (°C)	: Not determined
Flash Point (°C)	: Not determined
[ISO 3679, Closed Cup Testing]	
Evaporation Rate	: Not determined
Flammability (Solid, Gas)	: Not applicable
Upper/Lower Flammability (Explosive) Limits	: Not determined
Vapour Pressure	: Not determined
Vapour Density	: Not determined
Relative Density	: 2.63 ± 0.03
Solubility in Water	: Soluble
Partition Coefficient (N-Octanol/Water)	: Not determined
Auto-ignition Temperature (°C)	: Not determined
Decomposition Temperature	: Not determined
Viscosity (mPa s)	: Not determined

SECTION 10 STABILITY AND REACTIVITY

Reactivity/Incompatible Materials

Not determined

Chemical Stability

Stable at normal conditions of use.

Possibility of Hazardous Reactions

Not determined

Hazardous Decomposition Products

Not applicable

Conditions to Avoid

Not applicable

Materials to Avoid

Strong oxidizer

SECTION 11 TOXICOLOGICAL INFORMATION

The product is non-toxic.

SECTION 12 ECOLOGICAL INFORMATION

Biodegradability

Complete

Safety Data Sheet



SECTION 13 DISPOSAL CONSIDERATIONS

Local Legislation

Not applicable

Container Disposal

Rinse the empty containers with water

SECTION 14 TRANSPORT INFORMATION

Land (ADR)

UN Number : Not Regulated
UN Class : Not Regulated
Subsidiary Risk : Not Regulated
Packing Group : Not Regulated
Proper Shipping Name : Not Regulated
HIN : Not Regulated

Sea (IMDG)

UN Number : Not Regulated
UN Class : Not Regulated
Subsidiary Risk : Not Regulated
Packing Group : Not Regulated
Proper Shipping Name : Not Regulated
HIN : Not Regulated

Air (IATA)

UN Number : Not Regulated
UN Class : Not Regulated
Subsidiary Risk : Not Regulated
Packing Group : Not Regulated
Proper Shipping Name : Not Regulated

Special Precautions

Before transportation, make sure the containers are tightly sealed and that there are no liquid.

When transporting containers, be sure that they are tightly fastened. An appropriate buffer material should be placed between them to prevent them from bumping each other and being damaged during transport.

SECTION 15 REGULATORY INFORMATION

Applicable national regulations:

Standards on Hazard communication for hazardous chemicals and dangerous goods

- SS 586: Part 1: 2014-Transport and storage of dangerous goods
- SS 586: Part 2: 2014-GHS of classification and labelling of chemicals
- SS 586: Part 3: 2008-Preparation of safety data sheet

MOM: Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations

- This product is subject to SDS, labelling, PEL and other requirements in the Acts/Regulations.

NEA: Environmental Protection and Management Act & Environmental Protection and Management (Hazardous Substances) Regulations

- This product is not subject to control under this Acts/Regulations.

Safety Data Sheet



SCDF: Fire Safety Act & Fire Safety (Petroleum and Flammable Materials) Regulations

- This product is not subject to the requirement of this Acts/Regulations.

SPF: The Arms and Explosive Act, the Arms and Explosives (Explosives) Rules, and the Arms and Explosives (Explosive Precursors) Rules

- This product is not subject to the requirement of this Acts/Regulations

SECTION 16 OTHER INFORMATION

Department issuing date sheet	: Vance Chemicals Quality Control and Laboratory
Original Issue date	: 1 January 2010
Revision no	: 03
Revision date	: 17 September 2020

This product is intended for use by skilled individuals at their own risk. The information, data and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. The company / manufacturer makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The information is provided upon the condition that the persons receiving will make their own determination as to its suitability for their purposes prior to use. Any use of the Information must be determined by the user to be in accordance with applicable Federal, state and local laws and regulations. In no event will the company / manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance upon the Information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.