

MATERIAL SAFETY DATA SHEET

Dated: 1st December 2011

COMPANY DETAILS
COMPANY: TESUCO PTY LTD ADDRESS: UNIT 1A /107 CARNARVON STREET SILVERWATER NSW 2128 PHONE : 02 9737 9937 FAX: 02 9647 1269
IDENTIFICATION / COMPOSITION OF CONTENTS
CONTAINER: NON REFILLABLE CYLINDER WITH A CAPACITY OF < 1 L PRODUCT NAME: OXYGEN CHEMICAL COMPOUND: O2 UN NUMBER: 1072 CLASS & SUB 2.2 CLASS: 5.1 INDEX: / CAS NO: 07782-447 EEC NO: 231-956-9 %: COMBURENT CLASSIFICATION: O;R8 USE: FOR USE IN THE WELDING & CUTTING INDUSTRY. OXIDANT IN THE INDUSTRIAL PROCESSES & IN THE TREATMENT OF WATER
HAZARD IDENTIFICATION
COMPRESSED GAS, OXIDANT, ACTIVE COMBURENT IN COMBUSTION, CAN REACT VIOLENTLY WITH COMBUSTIBLE MATERIALS, SUBSTANCE CLASSIFIED AS DANGEROUS BY REGULATIONS IN PLACE.
FIRST AID
INHALATION: The continuous inhalation in concentrations of over 75% can cause nausea, dizziness difficulty breathing and convulsions. If required, contact Emergency Services immediately, requesting Medical assistance. CONTACT WITH THE SKIN & EYES: Exposure Improbable. SWALLOWING: Exposure Improbable.
FIRE FIGHTING INFORMATION
SPECIFIC DANGERS: Active Comburent in Combustion Constant Exposure to Flames may result in the cylinder imploding or exploding. Non-inflammable. APPROPRIATE FIRE FIGHTING EQUIPMENT: All known Extinguishing Methods can be used. SPECIFIC METHODS: Stop the product from leaking if possible.

<p>Keep a safe distance from the container & douse with constant cool water from a safe distance.</p> <p>SPECIAL MEANS OF PROTECTION: Use Breathing Apparatus in enclosed spaces.</p>
<p>IN CASE OF ACCIDENTAL LEAKING OF CYLINDER</p> <p>Evacuate the Immediate Area Ensure Suitable Ventilation Ensure there is no Ignition Sources within the Confined Area Avoid accumulation of product in drains and other zones where build up can occur. Contact Emergency Services Immediately if required</p>
<p>HANDLING & STORAGE</p> <p>Avoid the use of Oil & Grease while using the Cylinder Open Valve slowly to avoid sudden pressure variations. Keep away from Ignition Sources Avoid Water flowing back into the cylinder Avoid Gas flowing back into the cylinder Contact Supplier of Gas if in doubt Only Use Specific Equipment, suitable for this product, pressure, temperature Refer to Supplier's Instructions on handling the container NO SMOKING whilst handling the Cylinder. DO NOT STORE WITH FLAMMABLE GOODS OR MATERIALS STORE THE CONTAINER AT A TEMPERATURE Below 50°C in a ventilated area.</p>
<p>PERSONAL PROTECTION/CONTROL OF EXPOSURE</p> <p>Avoid Atmospheres rich in Oxygen (>23%) Guarantee Suitable Ventilation Make sure Appropriate PPE is compatible RESPIRATORY PROTECTION: Wear Appropriate Breathing Equipment when necessary. HAND PROTECTION: Use Suitable Gloves EYE PROTECTION: Wear Protective Goggles when Cutting & Welding. SKIN PROTECTION: Wear Appropriate Protective Clothing.</p>
<p>PHYSICAL & CHEMICAL PROPERTIES</p> <p>APPEARANCE: COLOURLESS GAS SMELL: NONE MOLECULAR WEIGHT: 32 MELTING POINT: -219°C BOILING POINT: -183°C VAPOUR PRESSURE AT 20°C: NOT APPLICABLE CRITICAL TEMPERATURE: -118°C WATER SOLUBILITY: 39 mg/l N-OCTANOL/WATER: NON FLAMMABLE LIMITS OF FLAMMIBILITY: (VOL % AIR): OXIDANT OTHER INFORMATION: CAN ACCUMULATE IN ENCLOSED SPACES PARTICULARLY AT GROUND LEVEL OR UNDER THE SAME.</p>
<p>STABILITY & REACTIVITY</p> <p>Avoid Uncontrolled accumulation of the substance in enclosed spaces Can React violently with flammable substances Can react violently with reducing agents</p>

Violent Oxidation of Organic Materials
TOXICOLOGICAL INFORMATION / ECOLOGICAL INFORMATION
<p>INHALTION: No known Toxicological effect SWALLOWING: Exposure Improbable CONTACT WITH SKIN OR EYES: Exposure Improbable ECOTOXICITY: No known Toxicological Effect MOBILITY: Not Established BIOACCUMULATION POTENTIAL: Not Established DISPOSAL OF CYLINDER</p>
<p>General: Do Not Discharge in areas where accumulation can be dangerous Discharge into the atmosphere in a well ventilated area Gas Cylinders are NON REFILLABLE CYLINDERS</p>
TRANSPORT INFORMATION
<p>Refer to the Appropriate Commonwealth, State & Territory Dangerous Goods Legislation for requirements which affect compressed gas transport. When transporting ensure the Cylinders are separated from the driver and the outlet of relief device is not obstructed. SHIPPING NAME: OXYGEN TRANSPORT CARD: 2.2 Sub 5.1 CLASS: 2.2 SUB 5.1 UN NUMBER: 1072 MARINE POLLUTANT: YES</p>
OTHER
<p>The information contained in this MSDS is to the best of our knowledge correct and complete. This MSDS is meant to describe the safety requirements of our product and should not be construed as guaranteeing specific properties. No warranty express or implied is made to the accuracy reliability or completeness of this document</p>