

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: OR605  
Product Use: BOILER OXYGEN SCAVENGER  
Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous ingredients	CAS Number	Exposure limits	Weight %	LD 50	LC50
SODIUM SULFITE	7757-83-7	NOT ESTABLISHED	5 - 15 %	NONE REPORTED	NONE REPORTED
SODIUM BISULFITE	7631-90-5	5 mg/m <sup>3</sup> OSHA PEL -TWA ACGIH TLV -TWA	5 - 15 %	NONE REPORTED	NONE REPORTED

## SECTION III - PHYSICAL DATA

Physical State: LIQUID  
Odour and appearance: CLEAR, PINK LIQUID. CHARACTERISTIC SULFITE ODOUR.  
Odour threshold: NOT ESTABLISHED FOR THIS PRODUCT.  
pH: 6.0 – 7.0  
Specific Gravity (20<sup>o</sup>C): 1.17  
Vapour pressure (mm Hg): Not available.  
Vapour density (air = 1): Not available.  
Evaporation rate (water = 1): Not available.  
% volatile by volume: Not available.  
Solubility in water: SOLUBLE  
Boiling point (C<sup>o</sup>): Not available.  
Freezing point (C<sup>o</sup>): Not available.  
Coefficient of oil/water distribution: Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: Not flammable or combustible.  
Flash point (C<sup>o</sup>): NONE - CLOSED CUP  
Autoignition temperature: Not applicable.  
Upper flammable limit: Not applicable.  
Lower flammable limit: Not applicable.  
Flammability classification: NONE  
Conditions of flammability: NONE.  
Special fire fighting procedures: COOL CONTAINERS IN VICINITY OF FIRE WITH WATER FOG. FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR, INCLUDING SELF-CONTAINED BREATHING APPARATUS.  
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Hazardous combustion products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.  
Sensitivity to mechanical impact: Not applicable.  
Sensitivity to static discharge: Not applicable.

Product identifier: OR605

## SECTION V - REACTIVITY DATA

Is the product stable? **STABLE**

Conditions of reactivity: **NONE KNOWN.**

Incompatible substances: **STRONG ACIDS AND OXIDIZERS.**

Hazardous decomposition products: **THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.**

## SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: **D 1 A - IMMEDIATE AND SERIOUS TOXIC EFFECTS.**

Primary routes of exposure: **SKIN AND EYE CONTACT, INGESTION, INHALATION.**

Exposure limits: **SEE SECTION II FOR LIMITS FOR INGREDIENTS.**

Acute effects of exposure: **EYES: SEVERE IRRITATION, REDNESS AND TEARING.**

**SKIN: REDNESS, DRYNESS, IRRITATION. BURNS ON PROLONGED OR REPEATED EXPOSURE**

**INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, CRAMPS, VOMITING. HARMFUL OR FATAL IF SWALLOWED. INHALATION: IRRITATION TO THE UPPER RESPIRATORY TRACT, PULMONARY EDEMA, LARYNGEAL SPASMS. Carcinogen: NO – IARC, OSHA, NTP.**

**Sensitizer: NOT KNOWN AS A SENSITIZER. Mutagen: NOT KNOWN AS A MUTAGEN.**

## SECTION VII - PREVENTION MEASURES

Gloves: <b>CHEMICAL RESISTANT GLOVES.</b>	Respirator: <b>WEAR A NIOSH APPROVED RESPIRATOR WHERE EXPOSURE LIMITS MAY BE EXCEEDED.</b>	Eye protection: <b>SAFETY GLASSES OR CHEMICAL GOGGLES.</b>
Footwear: <b>NO SPECIAL REQUIREMENTS.</b>	Clothing: <b>PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.</b>	Other: <b>EYE WASH STATION, EMERGENCY SHOWER.</b>

Engineering controls: **LOCAL EXHAUST RECOMMENDED. USE WITH ADEQUATE VENTILATION.**

Leak and spill procedures: **VENTILATE AREA. CONTAIN SPILL. SOAK UP ON INERT ABSORBENT MATERIAL. PLACE IN A PROPERLY MARKED CLOSED CONTAINER FOR PROPER DISPOSAL.**

Waste disposal: **CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.**

Handling and storage requirements: **STORE IN A COOL, DRY PLACE AWAY FROM ACIDIC MATERIAL. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.**

Special shipping information: **NOT CONTROLLED UNDER T.D.G.**

## SECTION VIII - FIRST AID MEASURES

**Eye contact:** **FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION.**

**Skin contact:** **REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. FLUSH SKIN WITH WATER AND CONTINUE FLUSHING FOR 15 MINUTES.**

**Ingestion:** **CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH WITH WATER. GIVE 1 –2 GLASSES OF WATER. DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN OR POISON CONTROL CENTRE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**Inhalation:** **REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. OBTAIN MEDICAL ATTENTION.**

## SECTION IX - PREPARATION DATA

Information sources: **MANUFACTURER'S MSDS**

Prepared by: **SHARE CANADA**

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Preparation Date: **November 23, 2015**