

PO BOX 1012 HAMILTON NSW 2303 AUSTRALIA

MATERIAL SAFETY DATA SHEET

TOOLEX ER70S-6 WELDING WIRE

PART 1 – CHEMICAL PRODUCT AND COMPANY INDENTIFICATION

PRODUCT NAME: TOOLEX ER70S-6

SYNONYMS AND PART NUMBERS:

580028, 580030, 596708, 580029, 580031, 580400, 580049, 580050, 596712, 596713, 596714 TOOLEX: AWS SFA-5.18 ER70S-6, GMAW wire for mild and medium strength steels **PRODUCT USE:**

Solid Wire consumables for Gas Metal ARC Welding of steels. The wire are welded under a shielding gas e.g. CO2, Mig Gas or Argon Based range of gases – see individual product data sheets for the shielding gases used.

SUPPLIER:

Company: TOOLEX INDUSTRIAL PTY LTD Address: 49 Griffiths Road Lambton NSW 2299 Phone: 02 49067700 Fax: 02 49067711

PART 2 – IDENTIFICATION OF HAZARDS

STATEMENT OF HAZARDOUS NATURE:

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and the ADG Code.

HAZARD RATINGS:

Flammability = 0 Toxicity = 1 Body Contact = 0 Reactivity = 0 Chronic = 1 SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

RISK OR SAFETY None under normal operating conditions

PART 3 - COMPOSITION & INFORMATION ON INGREDIENTS

NAME	CAS RN	%
Copper coated steel welding wire		
Which upon use generates		
Welding fumes	Not available	30-60



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Iron oxide fume1309-37-1Manganese fume7439-96-5Silica welding fumes69012-64-2Copper fume7440-50-8Action of arc may produce ozone10028-15-6Nitrogen oxidesMixtureNote: Fume composition may vary depending on the shielding gas used.

PART 4 – FIRST AID MEASURES

SWALLOWED

■ Not, normally a hazard due to the physical form of product. The material is a physical irritant to the gastro-intestinal tract.

EYE

- Particulate bodies from welding spatter may be removed carefully.
- DO NOT attempt to remove particles attached to or embedded in eye.
- Lay victim down, on stretcher if available and pad BOTH eyes, make sure dressing does not press on the injured eye by placing thick pads under dressing, above and below the eye.
- Seek urgent medical assistance, or transport to hospital.

SKIN

- If, skin or hair contact occurs:
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.

PART 4 – FIRST AID MEASURES

• Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bagvalve mask device, or pocket mask as trained. Perform CPR if necessary.

NOTES TO PHYSICIAN

Copper, magnesium, aluminium, antimony, iron, manganese, nickel, zinc (and their compounds) in welding, brazing, galvanising or smelting operations all give rise to thermally produced particulates of smaller dimension than may be produced if the metals are divided mechanically. Where insufficient ventilation or respiratory protection is available these particulates may produce "metal fume fever" in workers from an acute or long term exposure.

• Onset occurs in 4-6 hours generally on the evening following exposure. Tolerance develops in workers but may be lost over the weekend. (Monday Morning Fever)



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• Pulmonary function tests may indicate reduced lung volumes, small airway obstruction and decreased carbon monoxide diffusing capacity but these abnormalities resolve after several months.

PART 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

• There is no restriction on the type of extinguisher which may be used.

FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- · Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use firefighting procedures suitable for surrounding area.

FIRE/EXPLOSION HAZARD

- Non-combustible.
- Not considered to be a significant fire risk, however containers may burn.
- In a fire may decompose on heating and produce toxic / corrosive fumes.

FIRE INCOMPATIBILITY

• None known.

HAZCHEM: None

PART 6 – ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

Clean up all spills immediately. Wear impervious gloves and safety glasses. Use dry clean up procedures and avoid generating dust. Place in suitable containers for disposal.

MAJOR SPILLS

Minor hazard.

- Clear area of personnel.
- Alert Fire Brigade and tell them location and nature of hazard.

• Control personal contact with the substance, by using protective equipment if risk of overexposure exists.

• Prevent, by any means available, spillage from entering drains or water courses.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.



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PART 7 – HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Earth all lines and equipment.
- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- · Avoid contact with incompatible materials.

SUITABLE CONTAINER

• Packaging as recommended by manufacturer. MIG wire spools multiple sizes random or layer wound reels

STORAGE INCOMPATIBILITY

Welding electrodes should not be allowed to come into contact with strong acids or other substances which are corrosive to metals.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

PART 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	-	-	 Peak TWA mg/m ³ F/CC	Notes
Australia Exposure Standards Australia Exposure Standards	manganese fume as Mn ozone (Ozone)	0.1		3		
	مرامحما حاجات		 	l		

The following materials had no OELs on our records • silica welding fumes:

CAS:69012-64-2

ODOUR SAFETY FACTOR (OSF) OSF=0.00025 (welding fumes)

■ Exposed individuals are NOT reasonably expected to be warned, by smell, that the Exposure Standard is being exceeded.

Odour Safety Factor (OSF) is determined to fall into either Class C, D or E.



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The Odour Safety Factor (OSF) is defined as:

OSF= Exposure Standard (TWA) ppm/ Odour Threshold Value (OTV) ppm

Classification into classes follows:

Class	OSF	Description
A	550	Over 90% of exposed individuals are aware by smell that the Exposure Standard (TLV- TWA for example) is being reached, even when distracted by working activities
В	26- 550	As " A" for 50- 90% of persons being distracted
С	1- 26	As " A" for less than 50% of persons being distracted
D	0.18- 1	10- 50% of persons aware of being tested perceive by smell that the Exposure Standard is being reached
E	<0.18	As " D" for less than 10% of persons aware of being tested.

PART 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

MATERIAL DATA

OZONE:

WELDING FUMES: for ozone:

NOTE: Detector tubes for ozone, measuring in excess of 0.05 ppm, are commercially available. Exposure at 0.2 ppm appears to produce mild acute but not cumulative effects.

NITROGEN OXIDES: WELDING FUMES: For nitric oxide: Odour Threshold: 0.3 to 1 ppm. NOTE: Detector tubes for nitrogen oxide, measuring in excess of 10 ppm, are commercially available<</>

TOOLEX ER70S-6: None assigned. Refer to individual constituents.

WELDING FUMES:

In addition to complying with any individual exposure standards for specific contaminants, where current manual welding processes are used, the fume concentration inside the welder's helmet should not exceed 5 mg/m3, when collected in accordance with the appropriate standard (AS 3640, for example).

ES* TWA: 5 mg/m3

TLV* TWA: 5 mg/m3, B2 (a substance of variable composition)

OES* TWA: 5 mg/m3

Most welding, even with primitive ventilation, does not produce exposures inside the welding helmet above 5 mg/m3.

During use the gases nitric oxide, nitrogen peroxide and ozone may be produced by the consumption of the electrode or the action of the welding arc on the atmosphere.



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NOTE: Detector tubes for carbon monoxide, measuring in excess of 2 ppm, are commercially available for detection of carbon monoxide.

200 ppm carbon monoxide in air will produce headache, mental dullness and dizziness in a few hours; 600 ppm will produce identical symptoms in less than half an hour and may produce unconsciousness in 1.5 hours; 4000 ppm is fatal in less than an hour.<</>

IRON OXIDE FUME:

For iron oxide (ferric oxide):

Inhalation of iron oxide dust or fume may produce a benign pneumoconiosis (siderosis). The TLV-TWA is recommended to minimise the potential for development of X-ray changes in the lung on long-term exposure.

PART 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

MANGANESE FUME:

It is the goal of the ACGIH (and other Agencies) to recommend TLVs (or their equivalent) for all substances for which there is evidence of health effects at airborne concentrations encountered in the workplace. At this time no TLV has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience).

NOTE: The ACGIH occupational exposure standard for Particles Not Otherwise Specified (P.N.O.S) does NOT apply.

SILICA WELDING FUMES:

The concentration of dust, for application of repairable dust limits, is to be determined from the fraction that penetrates a separator whose size collection efficiency is described by a cumulative log-normal function with a median aerodynamic diameter of

4.0μm (+-) 0.3μm and with a geometric standard deviation of 1.5μm (+-) 0.1μm, i.e. generally less than 5μm.

For amorphous crystalline silica (precipitated silicic acid):

Amorphous crystalline silica shows little potential for producing adverse effects on the lung and exposure standards should reflect a particulate of low intrinsic toxicity. Mixtures of amorphous silica's/ diatomaceous earth and crystalline silica should be monitored as if they comprise only the crystalline forms.

The dusts from precipitated silica and silica gel produce little adverse effect on pulmonary functions and are not known to produce significant disease or toxic effect.

IARC has classified silica, amorphous as Group 3: NOT classifiable as to its carcinogenicity to humans.

NITROGEN OXIDES:

For nitrous oxide:

The human reproductive, hematologic and nervous systems show toxic effects after nitrous oxide exposures. Similarities between epidemiologic and animal studies allow the establishment of a TLV-TWA even in the absence of clearly defined dose response relationships in humans for nitrogen dioxide Odour Threshold Value: 0.11-0.14 ppm

NOTE: Detector tubes for nitrogen dioxide, measuring in excess of 0.5 ppm, are commercially available. The TLV-TWA is considered to be sufficiently low to reduce the potential for immediate injury or adverse physiological effects from prolonged daily exposures.

Short exposures of workmen to nitrogen dioxide concentrations averaging 25 to 38 ppm resulted in observable physiological response, but exposures of 3 to 5 minutes at 80 ppm produced tightness of the chest.



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PART 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

PERSONAL PROTECTION



RESPIRATOR

•Type NO Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

EYE

• Welding helmet with suitable filter. Welding hand shield with suitable filter.

• Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]. For most open welding/brazing operations, goggles, even with appropriate filters, will not afford sufficient facial protection for operators. Where possible use welding helmets or hand shields corresponding to AS 1336 and AS 1338 which provide the maximum possible facial protection from flying particles and fragments.

HANDS/FEET

- Welding Gloves
- Safety footwear.

OTHER

• Overalls.

• Eyewash unit. Aprons, sleeves, shoulder covers, leggings or spats of pliable flame resistant leather or other suitable materials may also be required in positions where these areas of the body will encounter hot metal.

PART 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION



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ENGINEERING CONTROLS

• Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. If risk of inhalation or overexposure exists, wear SAA approved respirator or work in fume hood.

PART 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Copper coated solid steel wire. No odour. Insoluble in water. Wire analysis: 0.1%C, 1.45%Mn, 0.88%Si, 0.02%S, 0.022%P, balance Fe.

PHYSICAL PROPERTIES

Does not mix with water. Sinks in water.

State	Manufactured	Molecular Weight	Not applicable.
Melting Range (°C)	>1500	Boiling Range (°C)	Not applicable
Solubility in water	Immiscible	Flash Point (°C)	Not applicable
pH (1% solution)	Not applicable	Decomposition Temp (°C)	Not available.
pH (as supplied)	Not applicable	Autoignition Temp (°C)	Not applicable
Vapour Pressure	Not applicable	Upper Explosive Limit (%)	Not applicable
Specific Gravity	>7	Lower Explosive Limit (%)	Not applicable
Relative Vapour Densit	y Not available	Volatile Component (%vol)	Not applicable
(air=1)			
Evaporation Rate	Not applicable		

PART 10 - STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY

• Product is considered stable and hazardous polymerisation will not occur. For incompatible materials - refer to Section 7 - Handling and Storage

PART 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS SWALLOWED

• Not, normally a hazard due to physical form of product.

Considered an unlikely route of entry in commercial/industrial environments. **EYE**

• Fumes from welding/brazing operations may be irritating to the eyes. **SKIN**





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• Skin contact does not normally present a hazard, though it is always possible that occasionally individuals may be found who react to substances usually regarded as inert.

INHALED

• Manganese fume is toxic and produces nervous system effects characterised by tiredness. Acute poisoning is rare although acute inflammation of the lungs may occur.

Harmful levels of ozone may be found when working in confined spaces. Symptoms of exposure include irritation of the upper membranes of the respiratory tract and lungs as well as pulmonary (lung) changes including irritation, accumulation of fluid (congestion and oedema) and in some cases haemorrhage. Shielding gases may act as simple asphyxiates if significant levels are allowed to accumulate. Oxygen monitoring may be necessary.

Effects on lungs are significantly enhanced in the presence of respirable particles.

CHRONIC HEALTH EFFECTS

• Principal route of exposure is inhalation of welding fumes from electrodes and work piece. Reaction products arising from electrode core and flux appear as welding fume depending on welding conditions, relative volatilities of metal oxides and any coatings on the work piece.

Welding fume with high levels of ferrous materials may lead to particle deposition in the lungs (siderosis) after long exposure.

This clears up when exposure stops severe disorders of the nervous system, has been reported in welders working on Mn steels in confined spaces.

Ozone is suspected to produce lung cancer in laboratory animals; no reports of this effect have been documented in exposed human populations.

Other welding process exposures can arise from radiant energy UV flash burns, thermal burns or electric shock

The welding arc emits ultraviolet radiation at wavelengths that have the potential to produce skin tumours in animals and in overexposed individuals, however, no confirmatory studies of this effect in welders have been reported.

TOXICITY AND IRRITATION

• Not available. Refer to individual constituents.

CARCINOGEN

iron oxide fume	International Agency for	Group	3	Not classifiable as
	Research on Cancer (IARC) -			to its
	Agents Reviewed by the IARC			carcinogenicity to
	Monographs			humans

PART 11 – TOXICOLOGICAL INFORMATION

REPROTOXIN

manganese fume	ILO Chemicals in the electronics industry	Reduced fertility or	H-si
	that have toxic effects on reproduction	sterility	

PART 12 – ECOLOGICAL INFORMATION

Ecotoxicity Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
welding fumes	No Data	No Data	No Data	No Data
	Available	Available	Available	Available
iron oxide fume	No Data	No Data	No Data	No Data
	Available	Available	Available	Available



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manganese fume	e No Data Available	No Data Available	No Data Available	No Data Available
Silica fumes	No Data	No Data	No Data	No Data
oonnor fumo	Available No Data	Available No Data	Available LOW	Available No Data
copper fume	Available	Available	LOW	Available
ozone	No Data	No Data	LOW	No Data
	Available	Available		Available
nitrogen oxides	No Data	No Data	No Data	No Data
	Available	Available	Available	Available

PART 13 – DISPOSABAL CONSIDERATIONS

• Recycle wherever possible or consult manufacturer for recycling options.

- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.
- Recycle containers if possible, or dispose of in an authorised landfill.

PART 14 – TRANSPORTATION INFORMATION

HAZCHEM:

None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, IATA, IMDG

PART 15 – REGULATORY INFORMATION

POISONS SCHEDULE

None

REGULATIONS

Regulations for ingredients

iron oxide fume (CAS: 1309-37-1) is found on the following regulatory lists;

"Australia - South Australia Controlled Substances (Poisons) Regulations - Schedule E: Schedule 2 poisons authorised to be sold by holder of a medicine sellers licence", "Australia Exposure Standards", "Australia FAISD Handbook - First Aid Instructions,

Warning Statements, and General Safety Precautions", "Australia Hazardous Substances Information System - Consolidated Lists", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 4", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5", "Australia Standard for the Uniform Scheduling of Medicines and

Poisons (SUSMP) - Schedule 6", "Fisher Transport Information", "International Agency for Research on Cancer (IARC) – Agents Reviewed by the IARC Monographs", "International Council of Chemical Associations (ICCA) - High Production Volume List",



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"International Numbering System for Food Additives", "OECD List of High Production Volume (HPV) Chemicals", "Sigma- Aldrich Transport Information"

manganese fume (CAS: 7439-96-5) is found on the following regulatory lists;

"Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - inorganic chemicals)", "Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (IRRIG - inorganic chemicals)", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm - Domestic water supply quality", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm - Domestic water supply quality", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (IRRIG)", "Australia Drinking Water Guideline Values For Physical and Chemical Characteristics", "Australia Exposure Standards", "Australia Hazardous Substances Information System - Consolidated Lists", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 1: Pollutants", "Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 2 Table 1: Standards and Goal for Pollutants other than Particles as PM2.5", "Australia National Pollutant Inventory", "Fisher Transport Information", "OECD List of High Production Volume (HPV) Chemicals", "Sigma-Aldrich Transport Information", "WHO Guidelines for Drinking-water Quality - Chemicals for which guideline values have not been established"

PART 15 – REGULATORY INFORMATION

silica welding fumes (CAS: 69012-64-2) is found on the following regulatory lists;

"Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "OECD List of High Production Volume (HPV) Chemicals"

copper fume (CAS: 7440-50-8) is found on the following regulatory lists;

"Acros Transport Information", "Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (AQUA/1 to 6 - inorganic chemicals)", "Australia - Australian Capital Territory - Environment Protection

Regulation: Ambient environmental standards (Domestic water supply - inorganic chemicals)", "Australia -Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (IRRIG - inorganic chemicals)", "Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (STOCK - inorganic chemicals)", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm -Domestic water supply quality", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (Aquatic habitat)", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (Aquatic habitat)", "Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (IRRIG)",

"Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (STOCK)", "Australia ADI list - Acceptable daily intakes for agricultural and veterinary chemicals", "Australia Drinking Water Guideline Values For Physical and Chemical Characteristics", "Australia Exposure Standards", "Australia Hazardous Substances Information System - Consolidated Lists", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 1: Pollutants", "Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 2 Table 1: Standards and Goal for Pollutants other than Particles as PM2.5", "Australia National Pollutant Inventory", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -



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Appendix A", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 4", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 5", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 6", "IMDG Code - Substance Index", "International Maritime Dangerous Goods Requirements (IMDG Code) - Marine Pollutants", "OECD List of High Production Volume (HPV) Chemicals", "OSPAR National List of Candidates for Substitution – Norway", "Sigma-Aldrich Transport Information", "United Nations

Consolidated List of Products Whose Consumption and/or Sale Have Been Banned, Withdrawn, Severely Restricted or Not Approved by Governments", "WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water"

PART 15 – REGULATORY INFORMATION

ozone (CAS: 10028-15-6) is found on the following regulatory lists;

"Australia - Victoria Occupational Health and Safety Regulations - Schedule 9: Materials at Major Hazard Facilities (And Their Threshold Quantity) Table 2", "Australia Drinking Water Guideline Values for Physical and Chemical Characteristics", "Australia

Exposure Standards", "Australia Hazardous Substances Information System Consolidated Lists",

"Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 1: Pollutants", "Australia National Environment Protection (Ambient Air Quality) Measure - Schedule 2 Table 1: Standards and Goal for Pollutants other than Particles as PM2.5", "Australia Quarantine and Inspection Service List of chemical compounds that are accepted solely for use at establishments registered to prepare meat and meat products for the purpose of the Export Control Act 1982", "OECD List of High Production Volume (HPV) Chemicals", "United Nations Consolidated List of Products Whose Consumption and/or Sale Have Been Banned, Withdrawn, Severely Restricted or Not Approved by Governments"

No data for Toolex ER70S-6 (NSWTN3570)

No data for welding fumes (CAS: Not available) No data for nitrogen oxides (CAS: Mixture)

PART 16 – OTHER INFORMATION

The Information in this Document is believed to be correct as of the date issued. However, no warranty is expressed to be implied regarding the accuracy or completeness of this information. This Information and Product are furnished under conditions that the person receiving them, shall make its own determinations as to the suitability of the product for his particular purpose and under condition that he assumes all the risk of his use thereof. Provide Your Customers with this Information about risks and safety measures.