

SDI Limited

Version No: 8.1

Safety Data Sheet according to WHMIS 2015 requirements

Issue Date: **10/03/2023** Print Date: **21/11/2023** L.GHS.CAN.EN

SECTION 1 Identification

Product Identifier				
Product name	Pola Office Plus Ultra 6% hydrogen peroxide			
Chemical Name	lot Applicable			
Synonyms	Not Available			
Chemical formula	Not Applicable			
Other means of identification	Not Available			

Recommended use of the chemical and restrictions on use

Relevant identified uses To remove discoloration of teeth under the supervision of a dentist.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	SDI Limited	SDI (North America) Inc.	SDI HOLDINGS PTY LTD DO			
Address	3-15 Brunsdon Street Bayswater VIC 3153 Australia	1279 Hamilton Parkway Itasca IL 60143 United States	Rua Dr. Reinaldo Schmithausen 3141 – Cordeiros Itajaí – SC – CEP 88310-004 Brazil			
Telephone	+61 3 8727 7111 +1 630 361 9200		+55 11 3092 7100			
Fax	+61 3 8727 7222	Not Available	Not Available			
Website	www.sdi.com.au	www.sdi.com.au	http://www.sdi.com.au/			
Email	info@sdi.com.au	USA.Canada@sdi.com.au	Brasil@sdi.com.au			
Registered company name	SDI Germany GmbH					
Address	Hansestrasse 85 Cologne D-51149 Germany					
Telephone	+49 0 2203 9255 0					
Fax	+49 0 2203 9255 200					
Website	www.sdi.com.au					
Email	germany@sdi.com.au					

Emergency phone number

Association / Organisation	SDI Limited	CHEMWATCH EMERGENCY RESPONSE (24/7)	
Emergency telephone numbers	131126 Poisons Information Centre	+1 867 670 2867	
Other emergency telephone numbers	+61 3 8727 7111	+61 3 9573 3188	

Once connected and if the message is not in your preferred language then please dial 01

Une fois connecté et si le message n'est pas dans votre langue préférée alors s'il vous plaît cadran 07

SECTION 2 Hazard(s) identification

Classification of the substance or mixture

NFPA 704 diamond



Note: The hazard category numbers found in GHS classification in section 2 of this SDSs are NOT to be used to fill in the NFPA 704 diamond. Blue = Health Red = Fire Yellow = Reactivity White = Special (Oxidizer or water reactive substances)

Classification SI

Hazard pictogram(s)					
Signal word	Danger				
lazard statement(s)					
H314	Causes severe skin burns and eye damage.				
Physical and Health hazard(s) Not Applicable Precautionary statement(s) Pre					
P260	Do not breathe mist/vapours/spray.				
P264	Wash all exposed external body areas thoroughly after handling.				
P280	Wear protective gloves, protective clothing, eye protection and face protection.				
Precautionary statement(s) Re	sponse				
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.				
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].				
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
P310	Immediately call a POISON CENTER/doctor/physician/first aider.				
P363	Wash contaminated clothing before reuse.				
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.				
Precautionary statement(s) Sto	prage				
P405	Store locked up.				
Precautionary statement(s) Dis	sposal				
P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.				
SECTION 3 Composition / ir	oformation on ingredients				

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name	
7722-84-1	6	hydrogen peroxide	

SECTION 4 First-aid measures

Description of first aid measures

Eye Contact	 If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	 If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	 If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Hydrogen peroxide at moderate concentrations (5% or more) is a strong oxidant.

- Direct contact with the eye is likely to cause corneal damage especially if not washed immediately. Careful ophthalmologic evaluation is recommended and the possibility of local corticosteroid therapy should be considered.
- ▶ Because of the likelihood of systemic effects attempts at evacuating the stomach via emesis induction or gastric lavage should be avoided.
- There is remote possibility, however, that a nasogastric or orogastric tube may be required for the reduction of severe distension due to gas formation"

Fisher Scientific SDS

SECTION 5 Fire-fighting measures

Extinguishing media

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).Carbon dioxide.
- Water spray or fog Large fires only.

Special hazards arising from the substrate or mixture

Fire Incompatibility None known.

Special protective equipment and precautions for fire-fighters

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 fire fighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	 Non combustible. Not considered a significant fire risk, however containers may burn. May emit poisonous fumes. May emit corrosive fumes. Decomposes on heating and produces: carbon dioxide (CO2) carbon monoxide (CO)

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	 Clean up all spills immediately. Avoid contact with skin and eyes. Wear impervious gloves and safety goggles. Trowel up/scrape up. Place spilled material in clean, dry, sealed container. Flush spill area with water.
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 as required. Prevent spillage from entering drains or water ways. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent runoff into drains or waterways. If contamination of drains or waterways occurs, advise emergency services.

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

SECTION 7 Handling and storage

Precautions for safe handling	
Safe handling	 Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. DO NOT allow material to contact humans, exposed food or food utensils. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use.

	 Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
Other information	Store between 2 and 25 deg C. , Do not store in direct sunlight. , Store in a cool dry place.

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Suitable container	DO NOT repack. Use containers supplied by manufacturer only.
Storage incompatibility	Avoid strong bases.

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances	hydrogen peroxide	Hydrogen peroxide	1 ppm / 1.5 mg/m3	2.8 mg/m3 / 2 ppm	Not Available	Not Available
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm	2 ppm	Not Available	Not Available
Canada - Manitoba Occupational Exposure Limits	hydrogen peroxide	Not Available	1 ppm	Not Available	Not Available	TLV® Basis: Eye, URT, & skin irr
Canada - Prince Edward Island Occupational Exposure Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm	Not Available	Not Available	TLV® Basis: Eye, URT, & skin irr
Canada - British Columbia Occupational Exposure Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm	Not Available	Not Available	Not Available
Canada - Nova Scotia Occupational Exposure Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm	Not Available	Not Available	TLV Basis: eye, upper respiratory tract & skin irritation
Canada - Alberta Occupational Exposure Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm / 1.4 mg/m3	Not Available	Not Available	3 - Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Canada - Northwest Territories Occupational Exposure Limits	hydrogen peroxide	Hydrogen peroxide	1 ppm	2 ppm	Not Available	Not Available
Canada - Quebec Permissible Exposure Values for Airborne Contaminants	hydrogen peroxide	Hydrogen peroxide	1 ppm	Not Available	Not Available	C3: carcinogenic effect detected in animals

Emergency Limits Ingredient TEEL-1 TEEL-2 TEEL-3 hydrogen peroxide Not Available Not Available Not Available Ingredient Original IDLH Revised IDLH Revised IDLH hydrogen peroxide 75 ppm Not Available Not Available

MATERIAL DATA

Exposure controls

Appropriate engineering controls	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. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator. Correct fit is essential to obtain adequate protection. Supplied-air type respirator may be required in special circumstances. Correct fit is ensure adequate protection. An approved self contained breathing apparatus (SCBA) may be required in some situations. Provide adequate ventilation in warehouse or closed storage area. Air contaminants generated in the workplace possess varying "escape"		
Appropriate engineering controls			
	Provide adequate ventilation in warehouse or closed storage area. Air contaminants generated in the workplace posses		
	Provide adequate ventilation in warehouse or closed storage area. Air contaminants generated in the workplace posses velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contained of the storage area.	aminant.	

	direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)		1-2.5 m/s (200-500 f/min.)
	grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).		2.5-10 m/s (500-2000 f/min.)
	Within each range the appropriate value depends on:		
	Lower end of the range	Upper end of the range	
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents	
	2: Contaminants of low toxicity or of nuisance value only.	2: Contaminants of high toxicity	
	3: Intermittent, low production.	3: High production, heavy use	
	4: Large hood or large air mass in motion	4: Small hood-local control only	
	with the square of distance from the extraction point (in simpl accordingly, after reference to distance from the contaminatir 1-2 m/s (200-400 f/min) for extraction of solvents generated i producing performance deficits within the extraction apparatu more when extraction systems are installed or used.	ng source. The air velocity at the extraction fan, for example n a tank 2 meters distant from the extraction point. Other me	should be a minimum of echanical considerations,
Individual protection measures, such as personal protective equipment			
Eye and face protection	the wearing of lenses or restrictions on use, should be or and adsorption for the class of chemicals in use and an their removal and suitable equipment should be readily a remove contact lens as soon as practicable. Lens should	equivalent] enses may absorb and concentrate irritants. A written policy eated for each workplace or task. This should include a revi account of injury experience. Medical and first-aid personnel vailable. In the event of chemical exposure, begin eye irriga be removed at the first signs of eye redness or irritation - le ds thoroughly. [CDC NIOSH Current Intelligence Bulletin 55	ew of lens absorption should be trained in tion immediately and ens should be removed in
Skin protection	See Hand protection below		
Hands/feet protection	 Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber Rubber Gloves 		
Body protection	See Other protection below		
Other protection	 Overalls. P.V.C apron. Barrier cream. Skin cleansing cream. Eye wash unit. 		

Respiratory protection

Type B Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	B-AUS	-	B-PAPR-AUS / Class 1
up to 50 x ES	-	B-AUS / Class 1	-
up to 100 x ES	-	B-2	B-PAPR-2 ^

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Clear blue gel with no odour, mixes with water.		
Dhusiaal state		Deletive density (Mater 4)	
Physical state	Gel	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Applicable	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available

Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	Product is considered stable and hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled	0	ts or irritation of the respiratory tract (as classified by EC Directives using animal exposure be kept to a minimum and that suitable control measures be used in an
Ingestion	corroborating animal or human evidence. The material may pre-existing organ (e.g liver, kidney) damage is evident. Pr producing mortality rather than those producing morbidity (other classification systems as "harmful by ingestion". This is because of the lack of y still be damaging to the health of the individual, following ingestion, especially where esent definitions of harmful or toxic substances are generally based on doses disease, ill-health). Gastrointestinal tract discomfort may produce nausea and nsignificant quantities is not thought to be cause for concern.
Skin Contact	individuals following direct contact, and/or produces signific hours, such inflammation being present twenty-four hours of prolonged or repeated exposure; this may result in a form of redness (erythema) and swelling (oedema) which may pro- microscopic level there may be intercellular oedema of the Open cuts, abraded or irritated skin should not be exposed	asions, puncture wounds or lesions, may produce systemic injury with harmful effects
Eye	produce significant ocular lesions which are present twenty	naterial may cause eye irritation in a substantial number of individuals and/or may -four hours or more after instillation into the eye(s) of experimental animals. In characterised by temporary redness (similar to windburn) of the conjunctiva r transient eye damage/ulceration may occur.
Chronic	Limited evidence suggests that repeated or long-term occu biochemical systems.	pational exposure may produce cumulative health effects involving organs or
Pola Office Plus Ultra 6%	ΤΟΧΙΟΙΤΥ	IRRITATION
hydrogen peroxide	Not Available	Not Available
	τοχιςιτγ	IRRITATION
	Dermal (rabbit) LD50: >2000 mg/kg ^[1]	Not Available
hydrogen peroxide	Inhalation(Mouse) LC50; 2800 mg/L4h ^[2]	
	Oral (Rat) LD50: >225 mg/kg ^[2]	
Leaend:	1 Value obtained from Europe ECHA Registered Substant	es - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

HYDROGEN PEROXIDE	No significant acute toxicological data identified in literature search. Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperreactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. On the other hand, industrial bronchitis is a disorder that occurs as a result of exposure due to high concentrations of irritating substance (often particles) and is completely reversible after exposure ceases. The disorder is characterized by difficulty breathing, cough and mucus production. For hydrogen peroxide: Hazard increases with peroxide concentration, high concentrations contain an additive stabiliser. Pharmacokinetics Hydrogen peroxide is a normal product of metabolism. It is readily decomposed by catalase in normal cells. In experimental animals exposed to hydrogen peroxide, target organs affected include the lungs, intestine, thymus, liver, and kidney, suggesting its distribution to those sites.
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Respiratory or Skin sensitisation	X STOT - Repeated Exposure	×
Serious Eye Damage/Irritation	✓ STOT - Single Exposure	×
Skin Irritation/Corrosion	✓ Reproductivity	×
Acute Toxicity	× Carcinogenicity	×
	 poor penetrability. Distribution Hydrogen peroxide is produced metabolically in intact cells and tissues. It is f two-electron transfer reaction, often catalysed by flavoproteins, or by an initial one-electro peroxide. Hydrogen peroxide has been detected in serum and in intact liver. based on the results of and kidney may be distribution sites. In rabbits and cats that died after intravenous admin and emphysematous. Following intraperitoneal injection of hydrogen peroxide in mice, py thymus (IARC 1985). Degeneration of hepatic and renal tubular epithelial tissue was obse peroxide to mice. Metabolism Glutathione peroxidase, responsible for decomposing hydrogen peroxide, is if When hydrogen peroxide comes in contact with catalase, an enzyme found in blood and water. Excretion Hydrogen peroxide has been detected in human breath at levels ranging from 1 Carcinogenicity Gastric and duodenal lesions including adenomas, carcinomas, and adenocarcinomas have b peroxide. Marked strain differences in the incidence of tumors have been observed. Papilloma by dermal application. Genotoxicity Hydrogen peroxide induced DNA damage, sister chromatid exchanges and chromosomal abe peroxide induced DNA damage in bacteria (<i>E. coli</i>), and was mutagenic to bacteria (<i>Salmone and Aspergillis chevallieri</i>, but not to <i>Streptomyces griseoflavus</i>. It was not mutagenic to <i>Dros</i> Developmental Toxicity Malformations have been observed in chicken embryos treated with hydrogen peroxide, but e Female rats that received 0.45% hydrogen peroxide (quivalent to approximately 630 mg/kg/c produced normal litters when mated with untreated males. Doses of 1.4 to 11 mol/egg hydrogen peroxide (purity 30%) dissolved in water were injected in chicken eggs on day 3 of incubation. Embryos were examined on day 14. The incidence of embryonic deaths and malformations w mol/egg and above. The combined ED50 was 2.7 mol/eg	on step to O2 followed by dismutation to hydrogen f toxicity studies, the lungs, intestine, thymus, liver instration of hydrogen peroxide, the lungs were pa rknotic nuclei were induced in the intestine and erved following oral administration of hydrogen present in normal human tissues (IARC 1985). most tissues, it rapidly decomposes into oxygen a 1.0+/5 g/L to 0.34+/-0.17 g/L. been observed in mice treated orally with hydroge a development has been observed in mice treated errations in mammalian cells <i>in vitro</i> . Hydrogen <i>illa typhimurium</i>) and the fungi, <i>Neurospora crassa</i> tophila melanogaster or to mammalian cells <i>in vitro</i> experiments with mice and rats have been negativ day)7 as the sole drinking fluid for five weeks into the airspace of groups of 20-30 white leghorn was dose-related and detected at doses of 2.8 g fluid to three-month-old male mice for 7-28 days

➤ - Data either not available or does not fill the criteria for classification ▼ - Data available to make classification Legend:

SECTION 12 Ecological information

	Endpoint	Test Duration (hr)	Species	Value	Source
Pola Office Plus Ultra 6% hydrogen peroxide	Not Available	Not Available	Not Available	Not Available	Not Available
	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	0.69mg/l	4
	EC50	48h	Crustacea	2mg/l	2
hydrogen peroxide	EC50	96h	Algae or other aquatic plants	2.27mg/l	4
	NOEC(ECx)	72h	Algae or other aquatic plants	0.1mg/l	1
	LC50	96h	Fish	16.4mg/l	2
Legend:	Extracted from	1. IUCLID Toxicity Data 2. Europe EC	HA Registered Substances - Ecotoxicological Information	on - Aquatic Toxicity 4.	US EPA,

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
hydrogen peroxide	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
hydrogen peroxide	LOW (LogKOW = -1.571)

Ingredient	Mobility
hydrogen peroxide	LOW (KOC = 14.3)

SECTION 13 Disposal considerations

Waste treatment methods			
Product / Packaging disposal	Consult State Land Waste Management Authority for disposal. Bury residue in an authorised landfill.		

SECTION 14 Transport information

Labels Required

Marine Pollutant NO

Land transport (TDG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group			
hydrogen peroxide	Not Available			
14.7.3. Transport in bulk in accordance with the IGC Code				

Product name Ship Type hydrogen peroxide Not Available

SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

hydrogen peroxide is found on the following regulatory lists

Canada Categorization decisions for all DSL substances

Canada Domestic Substances List (DSL)

Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS GHS

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

Additional Regulatory Information

Not Applicable

National Inventory Status

National Inventory	Status		
Australia - AIIC / Australia Non-Industrial Use	Yes		
Canada - DSL	Yes		
Canada - NDSL	No (hydrogen peroxide)		
China - IECSC	Yes		
Europe - EINEC / ELINCS / NLP	Yes		
Japan - ENCS	Yes		
Korea - KECI	Yes		
New Zealand - NZIoC	Yes		
Philippines - PICCS	Yes		
USA - TSCA	Yes		
Taiwan - TCSI	Yes		
Mexico - INSQ	Yes		
Vietnam - NCI	Yes		
Russia - FBEPH	Yes		
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.		

SECTION 16 Other information

Revision Date	10/03/2023
Initial Date	09/11/2015

SDS Version Summary

Version	Date of Update	Sections Updated			
7.1	23/12/2022	Classification review due to GHS Revision change.			
8.1	10/03/2023	Classification change due to full database hazard calculation/update.			

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by SDI Limited using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

- PC TWA: Permissible Concentration-Time Weighted Average
- PC STEL: Permissible Concentration-Short Term Exposure Limit
- ▶ IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- ► IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
 LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

The information contained in the Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Other information:

Prepared by: SDI Limited 3-15 Brunsdon Street, Bayswater Victoria, 3153, Australia Phone Number: +61 3 8727 7111 Department issuing SDS: Research and Development Contact: Technical Director