



SAFETY DATA SHEET



SO-PURE EXCEL INDUSTRIAL PEROXY

Revision Date 13th July 2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name	SO-PURE EXCEL INDUSTRIAL PEROXY
Synonyms, Trade Name	Hydrogen Peroxide Solution
Application	Stain Removal

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SDS No. C2/405

2. HAZARDS IDENTIFICATION

Xn;R22, Xi;R37/38, R41

Classification	Physical: Not classified Health: Acute Tox. 4- H302; skin irrit. 2- H315; Eye Dam. 1- H318; STOT single 3- H335 Environmental Not classified
Labelling	
Signal Word	Danger
Hazard Statements	H302 Harmful if swallowed H315 Causes skin irritation H318 Causes serious eye damage H335 May cause respiratory irritation
Precautionary Statements	P271 Use only outdoors or in well-ventilated area. P280 Wear protective gloves, protective clothing, eye protection, face protection. P301 + 312 If Swallowed: Call a poison centre or doctor if you feel unwell. P305+351+338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing

3. COMPOSITION / INFORMATION ON INGREDIENTS

EU Index Number	EC (EINECS No.)	CAS-No.
008-003-00-9	231-765-0	7722-84-1

4. FIRST-AID MEASURES

Notes to the physician	Treat according to symptoms: treat eye first. Avoid gastric washing; use gastric Cather to release stomach gasses. In case of intense pain, ingest an I.M. morhomimetic analgesic drug (Pititramide) before taking to hospital
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse
Skin Contact	Remove contaminated clothing immediately and wash with soap and water. Get medical attention immediately
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Inhalation	Move exposed person to fresh air. Get medical attention

5. FIRE-FIGHTING MEASURES

Extinguishing Media Use:	Water
Unusual Fire & Explosion Hazards	Oxidising
Specific Hazard	Oxygen. Closed containers can burst violently when heated, due to excess pressure build up
Protective Measures in Fire	Self contained breathing apparatus and full protective clothing must be worn in case of fire
Special Fire Fighting Procedures	Cool containers with water until well after the fire is out.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation
Environmental Precautions	Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body
Spill Cleanup Methods	Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water

7. HANDLING AND STORAGE

Usage Precautions	Avoid Spilling, skin and eye contact. Keep away from heat, sparks and open flames. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented
Storage Class	Oxidiser storage
Storage Precautions	Keep containers tightly closed. Keep in original containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
Hydrogen Peroxide 25-<35%	WEL	1ppm	1.4 mg/m3	2ppm	2.8 mg/m3	

WEL= Workplace Exposure Limit

Protective Equipment



Respiratory Equipment

If ventilation is in sufficient, suitable respiratory protection must be provided.

Hand Protection

PVC gloves are recommended.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear rubber apron, wear rubber footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid		
Colour	Colourless		
Odour	Pungent		
Solubility	Soluble in water		
pH value	1-4	Boiling Point (°C)	100-120
Relative Density	1.1 – 1.2	Vapor Pressure	12 mbar 20

10. STABILITY AND REACTIVITY

Stability	A stable product under normal temperature conditions and recommended use
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong acids, strong alkalis, strong oxidizing substances, strong reducing agents. Organic materials. Metals
Hazardous Decomposition Products	Oxygen

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1-I_d 50	841-1232 mg/kg (oral rat)
Ingestion	Harmful if swallowed
Inhalation	Upper respiratory irritation.
Skin Contact	Irritating to skin
Eye Contact	Risk of serious damage to eyes



12. ECOLOGICAL INFORMATION

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. LC50,96hrs, Fish mg/l 16.4 EC50, 48hrs, Daphnia, mg/l 2.4 IC50, 72 hrs, Algae, mg/l 0.85
Mobility	The product is soluble in water
Bioaccumulation	Will not bio-accumulate
Degradability	The product is easily biodegradable

13. DISPOSAL CONSIDERATIONS

General Information	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Do not puncture or incinerate even when empty.
Disposal methods	Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

			
Proper Shipping name	Hydrogen Peroxide, Aqueous Solution		
UN No. Road	2014	UN No. Sea	2014
ADR Class No.	5.1	IMDG Class	5.1
ADR Class	Class 5.1: Oxidizing	IMDG Pack Group	II
ADR Pack Group	II	EMS	F-H, S-Q

Tunnel Restriction	(E)	UN No. Air	2014
Hazard No. (ADR)	58	Air Class	5.1
ADR Label No.	5.1 & 8	Air Sub Class	8
Hazchem code	2P	Air Pack Group	II

15. REGULATORY INFORMATION

General Information	EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 th December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC including amendments.
Statutory Instruments	The Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)
Approved Code of Practice	Safety data sheets for substances and preparation. Classification and labeling of substances and Preparations Dangerous for supply
Guidance Notes	CHIP for everyone HSG (108)

16. OTHER INFORMATION

REV. No. / REPL. SDS	
Generated	
SDS No.	C2/405
Safety Data Sheet Status	
Approved.	13 th July 2011
Signature	
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.