



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name Purple Peroxide 9% 30vol

Supplier Artec Chemical Co., Ltd.
Room 1101, ONE MIDTOWN
11 Hoi Shing Road, Tsuen Wan, N.T.
Hong Kong

Emergency Phone No. +852-2543-2233

Fax No. +852-2543-1883

Supplier (Australia):

Dateline Imports Pty Ltd
Unit 8 Discovery Cove
1801 Botany Road
Banksmeadow NSW 2019
Australia
Telephone: + 61 2 9666 3611
Emergency Telephone:
+ 61 2 9666 3611
(Monday to Thursday 8:30 am – 5:00 pm
Friday 8:30 am – 4:00 pm)
E-mail: info@datelineimports.com.au

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification in accordance with Regulation, EC No. 1272/2008

Serious eye damage Category 1; H318

Classification in accordance with European Directive 67/548/EEC or 1999/45/EC

Xi Irritant

R 41 Risk of serious damage to eyes.

Label Elements

Hazard pictograms



Signal word Danger

Hazard statement(s)

H318 Causes serious eye damage.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

Precautionary statement(s)

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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 or doctor/physician.

Other Hazard None

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Mixtures

Description Mixture of substances listed below with nonhazardous additions

Hazardous Components (Regulation, EC No. 1272/2008)

Chemical Name

Hydrogen peroxide

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
7722-84-1	231-765-0	008-003-00-9	Ox. Liq. 1	H271	8.75 - 9.25%
			Acute Tox. 4	H332	
			Acute Tox. 4	H302	
			Skin Corr. 1A	H314	

Salicylic acid

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
69-72-7	200-712-3	-	Acute Tox. 4;	H302	0.01 - 0.1%
			Eye Dam. 1;	H318	

The remaining components present in less than 1% concentration do not contribute any significant additional hazards.

For the full text of the H-Statements mentioned in this Section, see Section 16.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

4 FIRST AID MEASURES

General Advice	In case of persisting adverse effects, consult a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Separate eyelids, rinse eyes immediately with plenty of water for at least 15 minutes. Forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Do not allow victim to rub or keep eyes closed. Consult an ophthalmologist immediately.
Skin Contact	In case of accidental and excess application of the product, rinse with plenty of soap and water. Consult a dermatologist if irritation develops or persists.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if cough or other symptoms appear.
Ingestion	Rinse mouth thoroughly with water. Immediately make victim drink water (two glasses at most). Summon a doctor immediately. Never give anything by mouth to an unconscious person.
Protection of First-aiders	A rescuer should wear personal protective equipment, such as rubber gloves and airtight goggles.

5 FIRE-FIGHTING MEASURES

General Information

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place.

Special Hazards arising from the Substances or Mixture

Non-combustible. Contact with combustible materials may cause a fire. Decomposition of hydrogen peroxide may occur with increase in pressure and possible container rupture. Has a fire-promoting effect due to release of oxygen.

Suitable Extinguishing Media

Flood with water.

Unsuitable Extinguishing Media

Carbon dioxide; Dry chemical;

Further Information

Cool containers with flooding quantities of water until well after fire is out. For large fires, flood fire area with large quantities of water, while knocking down vapours with water fog. Water runoff can cause environmental damage. Dike and collect water used to fight fire.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Refer to protective measures listed in sections 7 and 8. Eliminate sources of ignition. Evacuate the danger area. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Methods for Cleaning up

Do not use adsorbents. Contain the spill using non-combustible materials, such as earth, sand, or vermiculite, and dilute with large volumes of water. Do not use combustible materials such as sawdust. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Environmental Precautions

Do not discharge into the drains/surface waters/groundwater.

7 HANDLING AND STORAGE

Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far as possible by the state of the art.

Advice on protection against fire and explosion

Avoid formation of vapours, mist or gas. Keep away from sources of heat and ignition. Never return unused material to original container. Do not store any tint, lightener lotion or bleaching powder after it has been mixed with developer.

Storage

Requirements for storage rooms and vessels

Store in original container in a cool, dry and well-ventilated place inaccessible to children.

Containers which are opened must be kept upright to prevent leakage.

Advice on storage assembly

Do not store together with: Combustible materials;

Further information on storage conditions

Prevent cross contamination. Protect from direct sunlight, heat, sparks and flame. Always keep in containers of same material as the original one.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control

No special engineering controls required. However, under industrial applications, provide sufficient ventilations keep airborne levels to the lowest possible levels. Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.

General Protective and Hygiene Measures

Immediately change contaminated clothing. Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Personal Protection Equipment

Eye Protection	Not required under normal conditions of use. However, avoid eye contact. Use protective eyewear if splashing is possible.
Industrial application	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin Protection	Not required under normal conditions of use.
Industrial application	Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.
Hand Protection	Use impervious gloves to avoid possible skin irritation.
Industrial application	Handle with gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Respirators	Not required under normal conditions of use.
Industrial application	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Purple cream
Odour	Faint characteristic
Freezing/Melting Point	No data available
Boiling Point	No data available
Flash Point	Not applicable
Remarks	Material not combustible



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Material Safety Data Sheet

10 STABILITY AND REACTIVITY

Chemical Stability

Unstable; Stability decreases at higher temperatures.

Conditions to Avoid

Strong heating; Exposure to sunlight;

Materials to Avoid

Product reacts with: Heavy metals; Heavy metal salts; Rust; Alkalis; Reducing agents, such as waving lotions;

Hazardous Decomposition Products

Oxygen; which may intensify a surrounding fire.

Additional Information

Do not use metallic bowls or stirrers.

11 TOXICOLOGICAL INFORMATION

This product has not been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.

Acute Toxicity

Quantitative data on the toxicity of this product are not available. This product possesses no known toxicological hazards when used as directed and all precautions followed.

Primary Irritating Potential

Skin corrosion/irritation	Prolonged contact with skin may cause bleaching and possibly burns.
Serious eye damage/irritation	Eye irritant. May cause severe irritation and possibly permanent eye injury.
Respiratory or skin sensitization	No experimental evidence of sensitizing potential available.

Specific Target Organ Toxicity - Single Exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific Target Organ Toxicity - Repeated Exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

Mutagenicity	No experimental evidence of mutagenicity available.
Carcinogenicity	No experimental evidence of carcinogenicity available.
Teratogenicity	No experimental evidence of teratogenicity available.
Reproductive Toxicity	No experimental evidence of reproductive toxicity available.

12 ECOLOGICAL INFORMATION

Ecotoxicity

Quantitative data on the ecological effect of this product are not available.

Persistence and Degradability

No information available

Bioaccumulative Potential

No information available

Mobility in Soil

No information available

Result of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Additional Ecological Information

No quantitative data concerning the ecological effects available for this product. Do not allow to run into surface waters, wastewater, or soil.

13 DISPOSAL CONSIDERATIONS

Waste from Residue/Unused Products

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Contaminated Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

14 TRANSPORT REGULATIONS

ADR/RID

UN Number 2984
Class 5.1
Packing Group III
Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS WITH NOT LESS THAN 8 PERCENT BUT LESS THAN 20 PERCENT HYDROGEN PEROXIDE (STABILIZED AS NECESSARY)

IMDG/IMO

UN Number 2984
Class 5.1
Packing Group III
Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS WITH NOT LESS THAN 8 PERCENT BUT LESS THAN 20 PERCENT HYDROGEN PEROXIDE (STABILIZED AS NECESSARY)

IATA/ICAO

UN Number 2984
Class 5.1
Packing Group III
Proper Shipping Name Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary)

15 REGULATORY INFORMATION

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

National regulatory information

Employment restrictions Observe employment restrictions for young people.
Observe employment restrictions for child bearing mothers and nursing.

Chemical safety assessment

For this product chemical safety assessment not carried out.



ARTEC CHEMICAL CO., LTD.

Material Safety Data Sheet

16 OTHER INFORMATION

Text of H-code(s) mentioned in Section 3

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eyedamage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.

Disclaimer

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Artec Chemical Co., Ltd. assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.