MATERIAL SAFETY DATA SHEET
HYDROGEN PEROXIDE

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1	**Product identifiers**		
	Product name	:	Hydrogen peroxide
	Brand	:	LABORT FINE CHEM PVT LTD.
	CAS-No.	:	7722-84-1
1.2	**Relevant identified uses of the substance or mixture and uses advised against**		
	Identified uses	:	Laboratory chemicals, Manufacture of substances
1.3	**Details of the supplier of the safety data sheet**		
	LABORT FINE CHEM PVT LTD. 703-704 ICON BUSINESS CENTRE, OPP. CENTRAL MALL, NR. VALENTINE CINEMA, DUMAS ROAD, SURAT - 395007, (GUJARAT), INDIA. **PH:** 0091-261-2725761; 2725388 **FAX:** 0091-261-2725388 **E MAIL:** info@laboratorychemical.net **WEBSITE:** www.laboratorychemical.net		
1.4	**Emergency telephone number**		
	Emergency Phone #	:	**098251 19165**
SECTION 2: Hazards identification			
2.1	**Classification of the substance or mixture**		
	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.		
2.2	**Label elements**		
	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.		
2.3	**Other hazards**		
	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		

SECTION 3: Composition/information on ingredients			
3.2	**Mixtures**		
	Formula : H_2O_2		
	Hazardous ingredients according to Regulation (EC) No 1272/2008		
	Component	Classification	Concentration

	Hydrogen peroxide CAS-No. - 7722-84-1 EC-No. - 231-765-0	Ox. Liq. 1; Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; STOT SE 3; Aquatic Chronic 3; H271, H302, H332, H314, H318, H335, H412 Concentration limits: >= 70 %: Ox. Liq. 1, H271; 50 - < 70 %: Ox. Liq. 2, H272; >= 70 %: Skin Corr. 1A, H314; 50 - < 70 %: Skin Corr. 1B, H314; 35 - < 50 %: Skin Irrit. 2, H315; 8 - < 50 %: Eye Dam. 1, H318; 5 - < 8 %: Eye Irrit. 2, H319; >= 35 %: STOT SE 3, H335	>= 10 - < 50 %

SECTION 4: First aid measures	
4.1	**Description of first aid measures**
	General advice Consult a physician. Show this material safety data sheet to the doctor in attendance.
	If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration
	In case of skin contact Wash off with soap and plenty of water.
	In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
	If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.
4.2	**Most important symptoms and effects, both acute and delayed** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
4.3	**Indication of any immediate medical attention and special treatment needed** No data available

SECTION 4: First aid measures	
5.1	**Extinguishing media** **Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2	**Special hazards arising from the substance or mixture** Nature of decomposition products not known.
5.3	**Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.
5.4	**Further information** No data available

SECTION 6: Accidental release measures	
6.1	**Personal precautions, protective equipment and emergency procedures** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
6.2	**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
6.3	**Methods and materials for containment and cleaning up** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
6.4	**Reference to other sections** For disposal see section 13.

SECTION 7: Handling and storage		
7.1	**Precautions for safe handling** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.	
7.2	**Conditions for safe storage, including any incompatibilities** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place. Light sensitive. Recommended storage temperature: Below 30°C	
7.3	**Specific end use(s)** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated	
SECTION 8: Exposure controls/personal protection		
8.1	**Control parameters**	
	Components with workplace control parameters	
8.2	**Exposure controls** **Appropriate engineering controls** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. **Personal protective equipment** **Eye/face protection** Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). **Skin protection** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. **Body Protection** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. **Respiratory protection** Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). **Control of environmental exposure** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.	
SECTION 9: Physical and chemical properties		
9.1	**Information on basic physical and chemical properties**	
	Appearance Form	Form: Solid
	Colour	Colourless
	Odour	No data available
	Odour Threshold	No data available
	pH	No data available
	Melting point/freezing point	No data available
	Initial boiling point and boiling range	No data available

	Vapour pressure	31,1 hPa at 30 °C
	Flash point	No data available
	Density	No data available
	Relative density	1,000 g/cm3
	Water solubility	No data available
	Partition coefficient: noctanol/water	No data available
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available
	Viscosity	No data available
	Explosive properties	No data available
	Oxidizing properties	No data available
9.2	**Other safety information**	No data available

SECTION 10: Stability and reactivity	
10.1	**Reactivity** No data available
10.2	**Chemical stability** Stable under recommended storage conditions. May Contain the following stabilizer(s): Acetanilide (>=150 - <=250 ppm)
10.3	**Possibility of hazardous reactions** No data available
10.4	**Conditions to avoid** No data available
10.5	**Incompatible materials** Zinc, Powdered metals, Iron, Copper, Nickel, Brass, Iron and iron salts.Strong oxidizing agents
10.6	**Hazardous decomposition products** Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. In the event of fire: see section 5
SECTION 11: Toxicological information	
11.1	**Acute toxicity** No data available
SECTION 12: Ecological informat	
12.1	**Acute toxicity** No data available **Skin corrosion/irritation** No data available **Serious eye damage/eye irritation** No data available **Respiratory or skin sensitization** No data available **Germ cell mutagenicity** No data available **Carcinogenicity** IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. **Reproductive toxicity**

	No data available **Specific target organ toxicity - single exposure** No data available **Specific target organ toxicity - repeated exposure** No data available **Aspiration hazard** No data available **Additional Information** RTECS: Not available To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
12.2	**Persistence and degradability** No data available		
12.3	**Bioaccumulative potential** No data available		
12.4	**Mobility in soil** No data available		
12.5	**Results of PBT and vPvB assessment** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
12.6	**Other adverse effects** Harmful to aquatic life.		
SECTION 13: Disposal considerations			
13.1	**Waste treatment methods** **Product** Offer surplus and non-recyclable solutions to a licensed disposal company. **Contaminated packaging** Dispose of as unused product.		
SECTION 14: Transport information			
14.1	**UN number**		
	ADR/RID: -	IMDG: -	IATA: -
14.2	**UN proper shipping name**		
	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods		
14.3	**Transport hazard class(es)**		
	ADR/RID: -	IMDG: -	IATA: -
	Packaging group		
	ADR/RID: -	IMDG: -	IATA: -
	Environmental hazards		
	ADR/RID: No	IMDG Marine pollutant: No	IATA: No
14.4	**Special precautions for user** No data available		
SECTION 15: Regulatory information			
15.1	**Safety, health and environmental regulations/legislation specific for the substance or mixture** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.		

15.2	**Chemical safety assessment** For this product a chemical safety assessment was not carried out
SECTION 16: Other information	
	Further information LABORT FINE CHEM PVT LTD. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LABORT FINE CHEM PVT LTD. Makes no representations or warranties, either express or implied, including without limitation any warranties or merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, LABORT FINE CHEM PVT LTD. will not be responsible for damages resulting from use of or reliance upon this information. Revised on: 25/07/20 Revision: 01