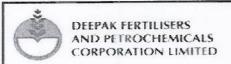
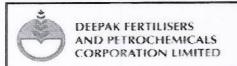


AND PETROCHEMICALS CORPORATION LIMITED				
MSDS	S - ISO PROPYL ALCOHOL			
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
Chemical Name Chemical Formula	: Iso Propyl Alcohol : (CH3)2 CHOH			
CAS Number	: 67 - 63 - 0			
Synonyms	: 2 - Propanol, Iso Propanol, Sec - Propyl Alcohol			
General Use	: As solvent			
Manufacturer's Name	: Deepak Fertilisers and Petrochemicals Corprn. Ltd.			
Address:	: Plot K-1, MIDC Indl Area, Taloja A.V., Dist: Raigad, 410208			
Telephone no. for info.	: +91 - 022-50684000			
SECTION 2 - COMPOSITION / INFO	DRMATION ON INGREDIENTS			
Composition	: Iso Propyl Alcohol 99%			
Hazardous components	: Iso Propyl Alcohol			
ACGIH TLV	200 ppm (TWA), 400 ppm (STEL)			
SECTION 3 - HAZARDS IDENTIFIC	ATION			
Primary Entry Routes	: Inhalation, skin, eyes and ingestion			
Acute Effects	: Inhalation of vapours irritates the respiratory tract. Exposure to high concentration has a narcotic effect producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death.			
Carcinogenicity	: Not classified as human carcinogen			
Chronic Effects	:Chronic exposure may cause skin effects.			
Aggravation of Pre-existing conditions	:Persons with pre-existing skin disorders or impaired liver, kidney or pulmonary function may be more susceptible to the effects of this chemical			
NFPA rating	: Health - 1; Fire - 3; Reactivity - 0			
SECTION 4 - FIRST AID MESURI	ES			
Eyes	: Immediately flush eyes with plenty of water for atleast 15 minute ; Lifting lower & upper eyes lids occasionally, Get medical attention immediately.			
Skin	: Immediately flush skin with plenty of water for atleast 15 minute; Call a physician, if irritation develops.			
Inhalation	Remove affected person to fresh air.;If not breathing, give artificial respiration.  If breathing is difficult, give oxygen.  Get medical attention.			
Ingestion	:: Give large amount of water to drink.  Never give anything by mouth to an unconscious person.  Get medical attention.			



MSDS	- ISO PROPYL ALCOHOL	
SECTION 5 - FIRE FIGHTING MEAS	SURES	
Flash point	: 12 oC (54o F)	
Flash point method	: Closed Cup	
Auto ignition temp.	: 399 oC (750o F)	
L E L	: 2%	
UEL	: 12.5%	
Flammability classifn.	: Flammable	
	: Water spray, Dry chemical, Alcohol Foam or CO2	
Extinguishing media	Water spray may be used to keep fire expose containers cool, dilute spills to non-flammable mixtures and to protect personnel attempting to stop leak and disperse vapours.	
Hazardous combustion products	: Above flash point, vapour air mixtures are explosive within flammable limits as mentioned above. Contact with strong oxidizers, may cause fire or explosion. Vapours can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.	
Hazardous combustion products	: CO2 and Carbon Monoxide may be formed when heated to decomposition.	
Fire fighting instructions	: In the event of fire;Wear full protective clothing and self contained breathing apparatus with full face piece.	
SECTION 6 - ACCIDENTAL RELEAS	SE MEASURES	
Small Spills	: Shut off leaks without risk. Absorb on sand or earth.	
Containment	: Prevents spillage from entering drains or water sources. Contain and recover liquid when possible	
Clean up	: Wash the area with water preventing run-off from entering drains.	
SECTION 7 - HANDLING AND ST		
Handling Precautions	: Protect against physical damage; Containers should be bonded and grounded. Use non-sparking tools & equipment. Avoid breathing vapours.; Avoid contact with skin & eyes. Wash thoroughly after handling.	
Storage Requirements	: Store in a cool, dry, well ventilated area away from heat source. Storage and usage area should be clarified as "No smoking Area".	
SECTION 8 - EXPOSURE CONTRO	LS / PERSONAL PROTECTION	
Engineering Controls	:Provide proper ventilation so as to maintain environment below air borne exposure limit.	
Respiratory Protection	: If exposure limit is exceeded, use respiratory protection	
Protective Clothing /	: Wear impervious protective clothing including boots, gloves, apron, coveralls while handling.	



	MSDS - ISO PROF	PYL ALCOHOL			
SECTION 9 - PHYSICAL A	ND CHEMICAL PROPE	RTIES			
Physical State Appearance & Odour Vapor Pressure Specific Gravity Water Solubility Boiling Point Freezing Point Vapor Density	: Liquid : Colourless liqu : 44 mmHg @ 2 : 0.79 @ 20 oC : Miscible in wa : 82 oC : (-)88.4 oC : 2.1				
SECTION 10 - STABILITY	AND REACTIVITY	A Company of the Comp			
Stability		:Stable under ordinary conditions of Use and Storage. Heat and sunlight can contribute to instability.			
Chemical incompatibilities	hydrogen-palla combination, p	Oxidizing agents, acetaldehyde, acids, chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium t-butoxide, hypochlorous acid, iso cyanides, nitroform, phosgene, aluminum, oleum and perchloric			
Conditions to Avoid	: Heat, flames,	ignition sources and incon	npatibles.		
Hazardous Decomposition pro		: CO2 and Carbon Monoxide may be formed when heated to decomposition.			
SECTION 11 - TOXICOLOG	ICAL INFORMATION				
TLV as per ACIGH	:200 ppm (TW	:200 ppm (TWA), 400 ppm (STEL)			
Acute-Inhalation	high concentra dizziness, drow	: Inhalation of vapours irritates the respiratory tract. Exposure to high concentration has a narcotic effect producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death.			
SECTION 12 - ECOLOGIC	AL INFORMATION				
Environmental toxicity	Prevent spillag spills, wash are drains. When	Prevent spillage from entering drains or water sources. After spills, wash area with water preventing run-off from entering drains. When released into water, this material may bio-degrade to a moderate extent.			
SECTION 13 - DISPOSAL	CONSIDERATIONS				
Disposal		e in vapour-tight plastic ba	ags for eventual disposal		
SECTION - 14 - TRANSPOR	RT INFORMATION				
	IATA	IMO	RID / ADR		
Shipping name .	ISO PROPANOL	ISO PROPANOL	ISO PROPANOL		
Hazard class	3	3	3		
UN Number	1219	1219	1219		
Packing Group	II	11	II		



	MSDS - ISO PROPYL ALCOHOL	
DOT (UI	N) Transportation Information :Toxic-Inhalation Hazard.	
UN Number	: 1219	
Response Guide	:129	
Hazard Class	:3	
Packing group	:11	
SECTION 15 - REGULATO	RY INFORMATION	
Acute Low Toxic / Flammable	substance`	
SECTION 16 - OTHER INF	ORMATION	
Prepared by	Deepak Fertilisers and Petrochemicals Corporation Ltd.	
Disclaimer	This MSDS and the information it contains is offered to you in good faith as accurate. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individual and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents	
Review No. & Date of Review	3/1/2021	
Date of Next Review	3/1/2026	

