

	These specifications/special requirement(s) are applicable specifically to LyondellBasell facilities for loading or unloading a tank trailer at a LyondellBasell site or a contracted 3PL location as applicable	
TANK TRAILER SPECIFICATION		
PRODUCT	ISOPROPYL ALCOHOL (USP)	IPA-USP
Material Characteristic and immediate hazard	See Product SDS	
DOT SPECIFICATION	MC 307, DOT 407, STAINLESS STEEL (DEDICATED EQUIPMENT PREFERRED)	
INSULATION	PREFERRED BUT NOT REQUIRED	
HEATING CAPABILITIES	NOT REQUIRED	
GASKET MATERIAL	TEFLON ROPE, VIRGIN TEFLON, WHITE BUNA, OR EPDM; DOME GASKET AND ALL TRAILER OPENINGS MUST PROVIDE A LEAK FREE SEAL UPON PRE AND POST LOADING. DOME LID MUST HAVE SEAL POINTS.	
CONNECTIONS/FITTINGS	ALL MUST BE STAINLESS STEEL, W/DUST CAPS W/SEAL PONTs ON ALL OUTLETS OF THE TRAILER, CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL.	
LIQUID CONNECTION	3" MALE CAMLOCK (QUICK CONNECT), W/DUST CAP, BOTTOM REAR LOADER (CENTER LOADER MUST BE APPROVED). NOTE: CUSTOMER MAY HAVE SPECIFIC EQUIPMENT REQUIREMENTS. MUST HAVE SEAL POINTS.	
VAPOR CONNECTION	2" MALE CAMLOCK (QUICK CONNECT), W/DUST CAP CAPABLE OF BEING SEALED, WITH PIPING TO GRADE LEVEL, WITH 2" SS ISOLATION VALVE UPSTREAM OF FITTING (INLINE PRESSURE GAUGE @ GRADE LEVEL PREFERRED). STANDARD 3/4" TOP VAPOR CONNECTION MAYBE ACCEPTABLE.	
NITROGEN PADDING	5-7 PSIG NITROGEN PAD REQUIRED UPON ARRIVAL TO LOAD	
TANK CLEANLINESS	TRAILER MUST BE CLEAN, DRY AND ODOR FREE. FOOD GRADE OR KOSHER CLEANING/WASH CERTIFICATE MUST BE PRESENTED WITH TRAILER. ***IF TRAILER IS DEDICATED, A RE-LOAD SHEET OR COPY OF LYONDELLBASELL BOL FROM PREVIOUS 3 LOADS MUST BE PRESENTED. NOTE: THIS PRODUCT DOES HAVE PROHIBITED AND APPROVED PRIOR PRODUCTS LISTED ON PAGE 2. NOTE: LYONDELLBASELL TECHNICAL SERVICES MUST BE NOTIFIED WHEN A CLEAN TRAILER IS INTRODUCED INTO IPA-USP SERVICES TO DETERMINE IF "PICKLING" IS NECESSARY OR TO OBTAIN ANY TYPE OF WAIVER. NOTE: ALL TRAILERS MUST HAVE ALL OPENINGS COMPLETELY SEALED, PRIOR TO ARRIVING AT LYB LOADING	
STRAPPING CHART/DRIVER	YES	
HOSES	HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. PLEASE NOTE THERE MAY BE SPECIFIC HOSE REQUIREMENTS FOR CUSTOMER THAT SHOULD BE NOTED IN THE CARRIER INSTRUCTIONS OF THE LYONDELLBASELL SHIPPING DOCUMENT.	
ADDITIONAL APPURTENANCES	IT IS RECOMMENDED THAT TRAILER IS EQUIPPED WITH DUAL INLINE AIRLINE FILTERS (MINIMUM 15 MICRON SS INLINE) ON AIRLINE WHEN OFFLOADING IS TO BE DONE WITH AIR OR NITROGEN. IT IS ALSO RECOMMENDED THE TRUCK/TRACTOR IS EQUIPPED WITH A SS PUMP IF DRIVER IS TO OFF-LOAD VIA TRUCK PUMP, TO MAINTAIN PRODUCT QUALITY.	
OTHER	MUST HAVE CURRENT AND MATCHING SAP SHIPPING NOTICE, TRANSWIDE CALL-OFF, OR CARRIER MANIFEST DOCUMENT. DRIVER MUST ARRIVE AT PICKUP POINT AT SCHEDULED TIME. DRIVER MUST ALWAYS NOTIFY LYONDELLBASELL OF ANY REQUESTED LIGHT LOADING DUE TO POTENTIAL EXCEEDING LEGAL GROSS WEIGHT. PLEASE CONTACT LYONDELLBASELL LOGISTICS WITH ANY QUESTIONS. TRAILER MUST BE COMPLETELY RE-SEALED UPON LOADING AND OFFLOADING. NOTE: RETURN SEALS MUST BE PROVIDED FOR DEDICATED EQUIPMENT. THE DRIVER IS RESPONSIBLE FOR ENSURING THAT RETURN SEALS ARE INSTALLED ON THE EQUIPMENT PRIOR TO LEAVING THE DELIVERY SITE.	
PROHIBITED	NO ADDITIONAL PERSONNEL UNLESS TEAM DRIVERS. PETS ARE PROHIBITED. NOTE: CARRIER MUST REVIEW SHEET #2 FOR PROHIBITED AND ACCEPTABLE PRIORS.	

CARRIER MUST READ AND COMPLETELY UNDERSTAND THE BELOW INFORMATION PRIOR TO PREPARING AND SENDING A TRAILER TO LYONDELLBASELL'S FACILITY TO LOAD ISOPROPYL ALCOHOL (USP)
ACCEPTABLE PRIOR CARGOES: IF THE TRAILER IS CLEAN AND NOT IN DEDICATED SERVICE TO LYONDELLBASELL, THE PREVIOUS THREE (3) PRIOR CARGOES MUST BE CHECKED FOR COMPATIBILITY BY LYONDELLBASELL TECHNICAL SERVICES.
FOOD OR PHARMA GRADE PRODUCTS (EXAMPLES LISTED BELOW)
PGUSP, ISOPROPYL ALCOHOL, ISOPROPYL ALCOHOL (USP) GLYCERINE (SYNTHETIC ONLY) ETHYL ALCOHOL (NOT SDA OR DENATURED) PHOSPHORIC ACID (FOOD GRADE ONLY) SUCROSE FRUIT JUICES OR JUICE CONCENTRATES HONEY SORBITOL MOLASSES VINEGAR POTABLE WATER POLYPROPYLENE GLYCOLS (FOOD GRADE ONLY)
DISCLAIMER: ACCEPTANCE BY LYONDELLBASELL OF A SPECIFIC PRIOR CARGO DOES NOT EXEMPT THE CARRIER FROM RESPONSIBILITY FOR ANY PRODUCT CONTAMINATION RESULTING FROM THAT CARGO. THE PURPOSE OF PRIOR CARGO RESTRICTIONS IS TO PREVENT CONTAMINATION OF ISOPROPYL ALCOHOL (USP) BY ANY SUBSTANCE THAT WOULD CONSTITUTE AN OBJECTIONABLE IMPURITY, EVEN IN TRACE AMOUNTS.
PROHIBITED PRIOR CARGOES: THESE ARE KNOWN CONTAMINANTS OF ISOPROPYL ALCOHOL (USP). IF NOT IN DEDICATED SERVICE, ALL PRIOR CARGOES MUST BE CHECKED AND APPROVED BY LYONDELLBASELL TECHNICAL SERVICES PRIOR TO LOADING.
PRODUCTS IDENTIFIED AS CARCINOGEN, TERATOGEN,MUTAGEN, OR REPRODUCTIVE TOXIN ON MANUFACURER'S SDS. PRODUCTS IDENTIFIED AS TOXIC OR HIGLY TOXIC ACCORDING TO OSHA STANDARDS (29 CFR 1910.1200). INSECTICIDE, PESTICIDE, RODENTICIDE, HERBICIDE, BIOCID OR FUNGICIDE. GASOLINE OR GASOLINE BASED PRODUCTS OILS OR OIL BASED PRODUCTS AMIMES OR AMIME BASED PRODUCTS