



WEAR ALL APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE)



**FACE SHIELD** 



SAFETY GLASSES OR SAFETY GOGGLES



**INSULATED GLOVES** (TYPICALLY LEATHER)



CLOTHING AND SHOES THAT COVER THE SKIN AND DO NOT HAVE CUFFS OR FOLDS THAT COULD TRAP SPILLED COLD LIQUID



**READ AND UNDERSTAND** THE SPECIFIC HAZARDS OF THE GAS PRODUCT IN USE



- IN ADDITION TO THE HAZARDS PRESENTED BY THE EXTREMELY COLD TEMPERATURES OF REFRIGERATED AND CRYOGENIC LIQUIDS, EACH GAS PRODUCT HAS UNIQUE PROPERTIES AND HAZARDS.
- (X) READ THE SAFETY DATA SHEET (SDS) PROVIDED BY THE GAS SUPPLIER FOR THE SPECIFIC GAS PRODUCT IN USE AND FOLLOW ALL SAFETY REQUIREMENTS.



**NEVER CONSUME OR DIRECTLY TOUCH REFRIGERATED OR CRYOGENIC LIQUIDS** 



- IF SWALLOWED, THE LIQUID CAN CAUSE SERIOUS INJURY, BURNS, OR DEATH.
- REFRIGERATED AND CRYOGENIC LIQUIDS ARE **EXTREMELY COLD AND CAN FREEZE TISSUE &** ORGANS ON CONTACT.
- ALWAYS USE APPROPRIATE PPE TO HANDLE THESE LIQUIDS.



**ONLY USE CONTAINERS & EQUIPMENT DESIGNED FOR** REFRIGERATED OR CRYOGENIC **LIQUIDS** 



- MATERIALS THAT ARE NOT DESIGNED FOR CRYOGENIC SERVICE, SUCH AS GLASS OR PLASTIC, CAN SHATTER WHEN EXPOSED TO REFRIGERATED OR CRYOGENIC LIQUIDS.
- ALWAYS TRANSFER LIQUIDS SLOWLY INTO APPROPRIATE CONTAINERS TO MINIMIZE THERMAL SHOCK AND SPLASHING.



**CRYOGENIC LIQUIDS IN SEALED, NON-VENTED CONTAINERS** 



- AS THE LIQUID WARMS AND CONVERTS TO GAS, THE PRESSURE INCREASES. CONTAINERS THAT ARE NOT **EQUIPPED WITH ADEQUATE VENTS CAN** CATASTROPHICALLY RUPTURE.
- ALWAYS USE VENTED CONTAINERS DESIGNED FOR REFRIGERATED OR CRYOGENIC LIQUID STORAGE.



**FOLLOW LOCAL REQUIREMENTS** FOR VENTILATION & MONITORING



- REFRIGERATED AND CRYOGENIC LIQUIDS EXPAND WHEN CONVERTED TO GAS AND CAN CREATE A HAZARDOUS ATMOSPHERE.
- ATMOSPHERIC MONITORING AND MECHANICAL VENTILATION MAY BE REQUIRED TO ENSURE PERSONNEL SAFETY.





**SCAN HERE FOR MORE INFORMATION OR VISIT** 

WWW.CGANET.COM

**REFERENCES** 

**CONSULT YOUR GAS SUPPLIER** FOR ADDITIONAL INFORMATION

