

**AMCVA23-2**

**1 March 1995**

OPR: LGSF

Supersedes AMCVA 144-2 1 June 1992

Distribution F

## **SAFETY INSTRUCTIONS FOR LIQUID OXYGEN**

### **HAZARDS**

1. Contact with skin causes frostbite.
2. Mixing with fuels causes a dangerous explosion hazard. Mixtures of frozen fuel and liquid oxygen are extremely shock-sensitive.
3. Gaseous oxygen from the liquid is absorbed in clothing, and any source of ignition may cause flare burning.

### **FIRST AID**

1. Remove from exposure and transport to hospital/clinic immediately.
2. Keep dry and warm with blankets enroute to emergency room.

**NOTE:** Do not attempt to rewarm frozen body parts until under proper medical care.

### **SAFETY PRECAUTIONS:**

1. Instruct each person in the nature and characteristics of liquid oxygen.
2. Wear approved protective clothing, and safety equipment if you are handling or transferring liquid oxygen. Clothing must be free of grease and oil.
3. All operations involving liquid oxygen shall be performed by groups of two or more people.
4. Prevent any oils, greases, fuels, or combustible materials from coming into contact with liquid oxygen. Degrease all tools and metals before using with liquid oxygen.
5. Allow for any oxygen absorbed in clothing, from liquid oxygen/storage or handling areas, to reduce to normal atmospheric composition before you smoke or approach sources of ignition.